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DVERTISEMENTS. INDEX

(THOSE WITHOUT NUMBER OF PAGE DO NOT APPEAR IN THIS ISSUE,)

PAI		PAGE	S PAGE.
Mineralogist 81	Gregory, G., and Co Stock and Share Dealers		Pipas 815
Austin, J. B. 78 Rank of Airica, (Ltd.) 78	Hardy Patent Pick Co High Class Tools		813
Brenton Symons *** *** 78	Hathorn, Davey and Co Pumping Engines Holman Broa Bock Drills and Compressors	Tage industry and Co in the Englishes and Ora Orn	hora -
British Guiana Bank Fuse Manufacturers 81	Holman Bros Mock Drills and Compressors	814 Roburtes Explosives Co. (Ltd.) Explo	
Bennert, Sons, and Sons	Humboldt Engineering Works Co Mining Machinery		Trade 813
20 Goott and Western at ming minorities	Humble, S., jun Hand Power Fan Huntington, Professor Instruction in Assaying	613	480.00
Bute Works Supply Company (Limited)		Sandycroft Foundry Company Mining Mach	812
Business Cards Mining Engineer 765 Campbell-Johnston, R. C Mining Engineer	Ingersoll-Sergeant Drill Co, of America, Rock Drills and Compressors Ireland, James Colliery Ready Reckoner	Bandycroft Foundry Company Electrical Machi	nerv -
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Cannock Chase Courter Co. (Ltd.) MacArthur-Forrest Process 513		Bmith, J. M Mines Insp	812
	Ore Petentian Machinery	Spencer, John Iron and Steel	ubes -
Charleton A G	Etapp drawn to a Common to	Stanley, W. F Mathematical Instrum	ents .781
Clareson-Ballineit Courth Engineers	Larmuth, T., and Co Mining Machinery	815 Stewart and Clydesdale Iron and Steet 3	
Companies and Legal Announcements	Lancashire Patent Belting Co Mining Specialities	788 Stewart and Co. (Ltd.) Engineers and Boller M.	
Cornforth and Co	Lloyd and Lloyd Tubes	Tacknote Form of Licence to En	plore 813
Cotton Powder Co. (Ltd.) Gunpowder Manufacturers \$16	Maclean, J. Grant Share and Iron Broker	785 Tangyes Limited Engine	
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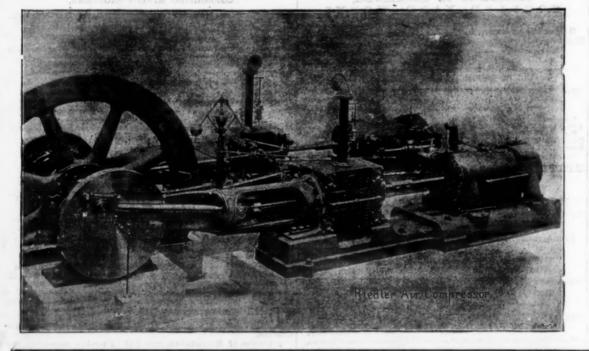
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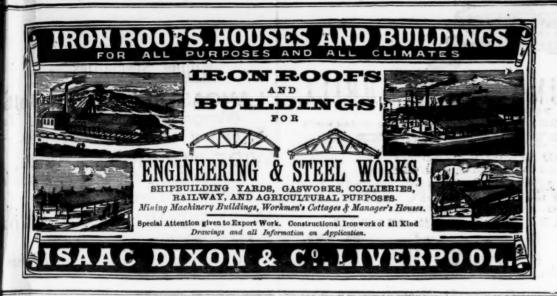
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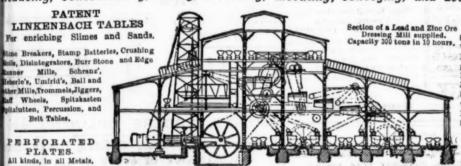
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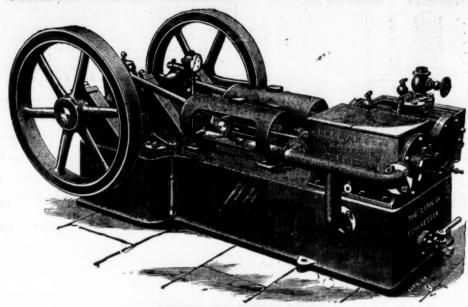
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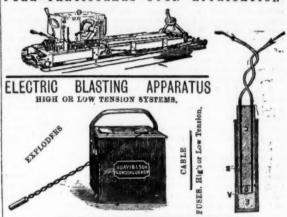
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NEW PATENTS.

LIST of APPLICATIONS for New Patents relating to Mining Metallurgical, Engineering, Hallway and kindred matters, specially compiled from official sources for the "Mining Journal" by Mesers Rayner and Company, Patent Agents, 37, Chancery Lans, London, W.C., who will forward all information regarding them free un application.

11735 Thomas Less and Raiph Lees, 70, Deansgate, Manchester,—Improvements in or applicable to cut off valves for steam-engines.—June 17.

11751 Smile Andreol, 18, Somerleyton Road, London,—Electro deposition of gold and silver,—June 18.

11751 Samile Andreol, 18, Somerleyton Road, London,—Electro deposition of gold and silver,—June 18.

11751 Samuel George Dyer, Newtown, Yeovil,—Water-gauge glass protector for steam bollers.—June 18.

11862 James Alexander Wiggs, jun., 21, Finsbury Pavement, London,—Improvements in mining machines.—June 18.

11863 Samuel Thomas Wellman and Charles Henry Wellman, 47, Lincoln's Inn Fields, London,—Improvements in the permanent way of railways and the like.—June 18.

11869 Fruit Septimus Devonteaux Scott, Savoy House, Savoy Street, Strand, London,—A gold saving machine sultable for the treatment of suns 19.

11861 Cambell Taylor Handsrap, 76 Wellington Street Glassow, as inc.

June 19.

Mayor Henderson, 70, Wellington Street, Glasgow.—An impedi Taylor Henderson, 70, Wellington Street, Glasgow.—An impediate tubes.— 11915 Ca

proved combined scraper and brush for cleaning boiler tubes.—
June 13.

Frederick Hardwick, 15, 8t, James's Row, Sheffield.—Improvements in
miners' safety lamps and the like.—June 8.

Thomas Bugden, 37, Chancery Lane, London.—Improved means for preventing incrustation in water tube boilers.—June 19.

Anton von Aleckiewich, 154, St. Vincent Street, Glasgow.—Apparatus
for lifting railway lines.—June 20.

Heary William Headland, 77, Chancery Lane, London.—Improvements
in electric safety lamps for use in mines and other places.—June 20.

1893 Standard Company Adam Rixon, and Joseph Sotheran Armstrong. 15,
Southampton Buildings, Chancery Lane, London.—Improvements
relating to steam boilers.—June 20.

18018 Bimon, James Harry, 38, Chancery Lane, London.—Improvements in
railway spikes.—June 21.

BERGUIFICATIONS PUHLISHEED.

SPECIFICATIONS PUBLISHED.

18,181, Hannay, extracting gold, 1890; 19,509, Newton, furnaces, 1894; 12,241, Ferry and Tomilanon, propelling railway, &c., vehicles, 1894; 15,336, Claybon, stemm enginee, 1894; 15,781, Blewent, treating sulphurous sinc ores in blast furnaces, 1894; 4368, Davis and Thomas, railway switches, 1895; 5668, Lyncker and Schropp, railway brakes, 1895; 7241, Beckman and others, furnaces, 1895.

dissations published may be had of Meesrs. Hayner and Co., 27, London, at 10d. each, including postage,

JOINT-STOCK COMPANIES.

NEW REGISTRATIONS.

THE following are among the joint-stock companies registered at Somerset House since our last notice:—

at Somerset House since our last notice:

Emma Company (Limited). R gistered by Snell, Sons and Greenip, I and 3, George Street, Mansion Rouer, S.C., with a capital of £151,000. in 5a. ahres. Object: To adopt and carry into effect an agreement expressed to be made between the Emma Company, Limited (the old company) and the liquidator thereof, for the acquisition of all the lands, mines, mining, water and other rights, grants, leases, concessions, timber, plant, mechinery, Ac, and other rights, grants, leases, concessions, timber, plant, mechinery, Ac, and other property belonging to the said old company; to develop and turn to account the same, and to carry on the business of a mining, milling, smelting, and metalingical company in all its branches.

Weest African Exploring Company (Limited).—Registered by Slaughter and May, 18, Austinfriars, E.C., with a capital of £10,000, in £1 shares. Object: To enter into an agreement (dated June 24) wish M. H. Moulton, and to acquire and generally turn to account mining properties and concessions in the Gold Coast Colony or elsewhere. The directors are to be elected by the eignatories. Qualification not specified. Remuneration to be fixed by the eignatories. Qualification not specified. Remuneration to be fixed by the eignatories. Qualification not specified. Remuneration to be fixed by the eignatories of the company of the other part, for the acquisition of mines, mining, water and other rights, grants, claims, leases, concessions, &c., in Western Australia or elsewhere; to develop and turn to account the same; and to carry on the business of a mining, milling, smelting, and metallurgical company in all its branches.

claims, leass, concessions, &c., in Western Australia or elaswhere; to develop and turn to account the same; and to carry on the business of a mining, milling, smelting, and metallurgical company in all its branches.

Bangwaketsi Concessions Company (Limited).—Rejistered by Renshaw and Co., 2, 18010k Lane, E.C., with a capital of £00,200, in £1 shares. Object; To 'acquire certain mines, mining rights, grants, leases, claims, concessions, £0., granted to John Williams, of kanzs, Africe, by Gaseliswe, Chief of the Bangwaketsi Country, Africa, and to develop and turn to account the said properties in such a manner as the company shall see fit, International Gold Byndicate (Limited).—Registered by Parker and Co., 85. Michael's Restory, Ournhill, E.C., with a capital of £3007, divided into 30 shares of £102 sach, and seven shares of £102 sach, and seven shares of £102 sach, and seven shares of £102 cach, and seven, and to turn to account the same in such manners the company shall deem expedient. The directors are to be elected by the signatories. Qualifaction, £100. Remoneration, 10 per cent, of the net profits after payment of 100 per cent, dividende, the same to be divisible.

NORTH RANDFONTHIN GOLD MINING COMPANY (LIMITED). ROBINSON RANDFONTEIN GOLD MINING COMPANY (LIMITED),
ROBINSON RANDFONTEIN GOLD MINING COMPANY (LIMITED),
The London agency and transfer offices of these companies are now
at 8, Princes-street, E.C. Mesers. John H. Butt and Simon Marcus
have been appointed Lendon agents, and Mr. J. Robertson secretary
to the London agency. to the London agents.

CONTRACTS OPEN

FOR MINE, QUARRY, RAILWAY, AND ENGI-NEBRING WORK, STORES, &c.

We shall be obliged by being promptly placed in possession of particulars regarding contracts open for competition, and of the results of successful tenders. In the latter case contract prises should be given.

The date given is that by which tenders must be delivered, in nearly all eases further information can be obtained on application at the addresses given. In applying for such the name of " The Mining Journal" should be mentioned as the original source of the information, concerning which further particulars are required.

HOME CONTRACTS.

HOME CONTRACTS.

Sinking Well, July 29 (Alaw & Moor) —For sinking a well on Ainwick Moor. Particular can be obtained at the office of Mr. William T. Hindmarsh, clerk of the council, 2s. Bondgate Without, Ainwick, and tenders will be received by the cierk by July 29.

Binking Well, July 8 (Learnington).—For sinking a well 2 feet in diameter to a minimum d-pth of 100 feet, but probably to a depth of 130 feet (New Red Sandstone formation) for the Corporation. Specification may be seen at the office of the engineer, Mr. W. de Normaville, at the Town Hall, where also forms of tender may be obtained.

Barthwork, July 23 (Cairo).—Tenders will be received at the Secretariat of the Sgyptian Raisway Administration at Cairo up to July 23 at noos for serthwork, masonry. pitching, buildings, and other works for the line from Kaft-Zayat to Ohabes. Payments are goaranteed, and will be made by the Commission of the Public Debt, Egypt. Conditions, general and technical, and description of works, may be seen during office hours on application to Lieutenant-Colonel Western, Broadway Chambers, Westminster, S. W.

Gan Coal, July 31 (Wailingford).—For the supply for one year from August 13 of about 300 tons of best screened gas coal, to be delivered free at the railway station, at Wailingford, in such quantities and at such times as the company may require, for the Wailingford Gas Light and Coke Company. Sealed tenders, endorsed "Tender for Gas Coal," to be delivered on or before July 31.

SAN SALVADOR SPANISH IBON ORB COMPANY (LIMITED). of this company's ore for Glasgow.

THE MESSAGE OF PRACE is always appreciated and respected by all trus mes, for many of us hope the time is not far distant when it may be universally adopted by all nations. When this comes to pass, happiness and prosperity will be the rule and not the exception. In the meantime, Hollowey's Pills and Ontament have largely helped to make foreign nations understand that Englishmen delight in alieviating pain and suffering. These wonderful remedies have been blessed in many lands for the relief they have afforded and the curse they have effected. They are specially adapted for all complaints affecting the liver, stomach, and kidneys, and at this season no family should be without a supply.

PILBARRA GOLD FIELD, W.A.

By BRENTON SYMONS, M.I.C.B.

HE above-named gold field is situated in the North-west, and, lying within the tropics, the climate is hot, though not unhealthy. The limit to the east and north is also and, lying within the tropics, the climate is hot, though not unhealthy. The limit to the east and north is also the watershed whence spring the large rivers of Fortescue, Yule, and the De Grey; the Coongan is a branch of the De Grey, and ramifies through the heart of the most valuable gold districts. The first discovery of gold was made at Egina, 70 miles east of Roebourne, in 1888, and in July, 1889, the Government proclaimed 32,000 acres as a gold field. The principal mining camps are Mallina, Egins, Coongan, Marble Bar, and Nullagine. To the north-east of these fields lies Warburton's boundless desert, and to the south-east the rainless plains extending towards the nd to the south-east the rainless plains extending towards the and to the south-east the rainless plans extending towards the interior. Cossack is the port whence supplies and machinery must be landed; it is connected with the continental line of telegraph, and with Roebourne, the chief city of the north-west, by a tramway nine miles long. All transport to the mines is made by camels and teaming. The facilities for landing machine to Cossack as were communication with Free communication with Free communication. ade by camels and teaming. The facilities for landing ma-ninery at Cossack are very meagre; communication with Fre-lantle is frequent, the ateamboats being fairly comfortable. A belt of low alluvial sand plains border the coast from which

the country gradually rises towards the high table land of the interior. The rivers usually trend towards the north-west and cutprofound ravines through the horizontally-bedded Carbonife-rock, often laying bare the crystalline rocks below, flow across broken hills of schists, and limestones, and then winding around rough broken hills of schists, sandstones, and conglomerates, finally reach the coastal plains, and meandering among low rocky peaks of granite and quartzose rocks, fall into the Indian Ocean amid mangrove swamps, or through gorges where protruding traps form a rough and dangerous rocky coast. There is much amyg-daloidal rock found in the middle course of some of these rivers, and gems are said to be occasionally picked up, whilst agates, &c., can be seen in enormous quantity.

Alluvial Gold.

Alluvial Gold.

The district first achieved reputation by the numerous and rich streamworks found at all the mining centres, and although reef mining is now absorbing much capital, it appears likely that the alluvial diggings will be worked for a considerable time to come. At Mallina and Peewah rich patches were worked and are unexhausted. At Egina a rich surface deposit was found resting on a clay bottom. At Pilbarra, running for a considerable distance in a strip of country enclosed between granite and a gossany quartz dyke, from which the gold had probably strayed. About the head waters of the Turner and Coongan rivers, which are branches of the De Grey river, rich alluvial diggings are worked, and from the Coongan a nugget, which has received the name of the Little Hero, and weighed 333 ounces, was unearthed. At Nullagine, about 50 miles south of Marble Bar, an extensive alluvial country has been worked, some patches of great richness, and it will be a long time before the district can be drained of its golden treasures.

Reefing has made great progress during the past 18 months, and many batteries are at work. Many of the basil edges of the lode were rich enough to pay for dollying.

and many batteries are at work. Many of the basil edges of the lode were rich enough to pay for dollying.

The Mallina group of mines, which is situated 60 or 70 miles east of Roebourne, has a good supply of fresh water, and there is plenty of timber in the immediate environs. At Mallina many claims are being developed, and the Mallina Gold Mine has its crushing plant almost ready to start up. At Peewah, the claims are being energetically opened by shafts. The gold quartz is associated with sulphide of autimony, but this occurs as a leader in a large lode. There is another group of similar veins at Peewah 10 miles to the north.

Marble Bar, which owes its name to a mottled bar of quartz resembling marble that crosses the Coongan creek, is the busi-

. 18 .		CTE		Tons.	7 0	Out.	Average per ton. Ozs. dwts, grs,
General				762		1758	2 6 3
Coongan							
Ironclad		hats.	08.14	297	46,44	434	1 9 6
Stron Chat	25 3	MT 5 5	CEPTO IS	STAL	Doc 5	737	0 E 0

Stray Shot ..., 316; ... 717 .. 2 5 8

In addition, the Coongan returned 1617 ounces, no record of the quantity treated having been kept. These are excellent results, but it is improbable this average could be continued when results, but it is improbable this average could be continued when large quantities are crushed. The Excelsion battery started up in August, 1894, and had crushed up to January, 16, 1895, with five stamps, 1032 tons for a yield of 2040 ounces, an average from many claims of about 2 ounces per ton. In this belt of resing country lies the Ironelad Mine, an amalgamated property 42 acres in extent, which is only a mile or so north-east of the township of Marble Bar. The Ironelad reef is unusually large, township of Marble Bar. The Ironclad reef is unusually large, running 10° west of north, with an irregular dip west at an angle of about 50°. The underlay shaft is 126 feet deep, and often the gold is visible; 48 tons, proceeding from the last sinking, yielded 24 ounces per ton. The gold is worth £3 19s. Prospecting shafts along the back of the lode show payable quartz. Water has been struck at 72 feet. A battery with 15 heads is mearly finished, and a considerable amount of quartz awaiting treatment is estimated to 30 dwts. per ton.

Talga Talga, 30 miles north-east of Marble Bar, is producing some rich gold, and a number of claims have been pegged out in the vicinity of McPhee's Reward claim. Seven miles north of Talga Talga a large reef was recently discovered; also, at six miles

Talga Talga a large reet was recently discovered; also, at six miles east of McPhee's, a prominent reef, 4 feet thick, has been located. Much gold has been dollied from the outcrops, and a quartz specimen, weighing 159 ounces, contained over 100 ounces of gold. Fresh water is said to have been cut in McPhee's shaft. gold. Fresh water is said to have been cut in McPhee's shaft. A 10 head stamper is being erected on the Reward claim. At West Talga the quarts evolves mundio and galena. Bamboo creek is 40 miles distant from Murhle Bar. English companies have secured the Bamboo Reward and Bamboo Queen claims. There are two 10 head betteries at Bamboo creek. The Mount Prophecy, at Bamboo creek, obtained 99 outoes from 57 tons at their last crushing. The Charlie made a trial crushing in April of 12 tons for 74 ounces, and the Federation 10 tons for 14 ounces. Nullagine is 60 or 70 miles south of Marble Bar, and many of the reefs are rich. The difficulty of transport has hitherto been a great drawback, but the Welcome battery is to be shifted there

There has not as yet much real mining been done, because of the distance from base of supplies, but numerous shallow shafts have been sunk and levels driven in preparation against the time the machinery is resdy to crush. Many 10 head batteries are either erected or near completion, and then the district will certainly make a great stride forward.

PILBARRA GOLD RETURN FOR 1894.

1889		11,170	dwts.	gra.	 £12,446	0	0	
1890		16,055	6	6	 61,010	3	9	
1891		11,875	0	0	 45,125	0	0	
1892		12,892	16	0	 48,992	12	10	
1893		11,698	10	0	 44,454	6	0	
1894	• •	16,254	10	0	 61,767	2	0	
Total	١	79,946	2	6	 £303,793	4	7	

.. £303,795 4 7 Total .. 79,946 2 6 .. £303,795 4 7
The go'd returns for January and February, 1895, were 2256 ounces; certified value, £12,372 13s. The Pilbarra is for nearly its whole extent spread over with auriferous rocks, and wherever serious and efficient prospecting has been attempted, good reefing ground has been discovered. The veins are of good size, and so far have proved of good Lattery grade. There is without cavil an active future in store, and it may turn out to be the most successful reefing field. most successful reefing field.

GOLD MINING IN CHARTERS TOWERS

INTERVIEW WITH Mr. E. D. MILES.

THE Charters Towers gold field, in North Queensland, was three years old when, in 1875, the victim of this interview arrived there, on foot, having in his haste outstripped the wagon which followed him from the coast with his few belongings wagon which followed him from the coast with his lew belongings on board. Mr. Miles had then already 13 years' working experience of gold mining elsewhere in Australia to his credit, and from that day until now the fertunes of Charters Towers have been reflected in his own. As working miner, engine-driver, town clerk, mine manager, and, finally, secretary and director of many big enterprises, he has shared the luck of the field. What the luck has been is succinctly told when it is mentioned that last year it took the lead, by over 100,000 cunces, of any other gold. year it took the lead, by over 100,000 ounces, of any other goldroducing centre in Australia.

Knowing that it has not attained to this eminence without enlisting extensive support from British investors, I deemed it sure that some remarks from one who knows all that man may know, past and to come, of this mining district, would find many

But Mr. Miles would not at first be led to the interview as

lamb to the slaughter.

"No," he said, "I'm on a holiday, after 33 years' bard work in Australia. I've nothing to sell; I'm not on the float. We've had one boom on the Towers, and I'd sooner have the plague

there than bring on another. So I mean to keep clear of newspaper men, and the 'we're-on-the-road-to-glory' business' and the when I explained that this was precisely the spirit of anti-boom, and of desire for solid fact in which English investors in the Towers mines would like the subject treated, Mr. Miles

gradually relented.

"All right," he said at last. "Fire away; ask me questions When you come to close grips, however, and start catechising on any particular claim or shaft, and whether its going to boom or bust, I shall drop into silence: Don't ask me what scrip is going up and what is going 'bung'—for a month or two I neither know nor care. Keep to the fortunes and the future of neither know nor care. Keep to the fortunes and the future of the field as a whole—or to my notions of them—and I'll answer

you squarely."

And on these terms the enquiry proceeded without check and on these terms the enquiry proceeded without check, except when I got too closely inquisitive—driven by the fell instinct of the pressman for scintillating copy—about the chances of some particular mine of "making a splash," when I was gently reminded of our Articles of Association. From notes of an hour's interesting talk I have selected the following passages as likely to be of most interest to the English investor,

passages as likely to be of most interest to the English investor, of whatever calibre, who has put, or is about to put, any of his spare cash down any shaft on Charters Towers.

"Figures? Yes. There's our history done in gold," and I was handed some notes of Mr. Miles' farewell speech on the Towers. In 1876, the first year of definite records, 37,654 tons gave 58,222 ounces of gold; in 1894 the output was 242,812 tons for 263,874 ounces. "If y ou choose to watch the increase

tons for 263,874 ounces. "If you choose to watch the increase year hy year, you will see it mount by a steady dlimb. None of your jumps."

"And you mean to go on climbing 'up the golden stairs?"

"In all modesty, what's to stop us? In the first place, as to the permanence of the reefs. Ah! years ago there were some of the bravest of Towers ploneers that had doubts in their hearts about that. The proving of gold at a depth on Charters Towers is a romance of pluck and grit. But it's done. Look here—bare records, mind you—none of your prophesying. Here's payable gold and big reefs all over the place at 2000 feet and thereabouts. The Brilliant Extended has a big reef below the 2000 feet level. Mill's United is on good stone, only a little shallower than that. The Day Dawn reef is practically traced from the surface on the dip a long way over 2000 feet. The Brilliant, and Brilliant Block and Brilliant and St. George, are much in the same box, and a lot of others. From the size, much in the same box, and a lot of others. From the size, steadiness, and richness of the reefs as we go down and bottom on one after another, I see no reason, in view of how other fields turn out, why we should not send up good stone from big reefs at 4000 or 5000 feet.

"As to area? Why that tidy and increasing little total is got principally from shafts within a radius of 3 miles of the at-office. There is a network of reefs outside that, running well, I don't like to risk saying how far—practically untested. —well, I don't had to risk saying now lar—practically intested. In times of boom, these 'outside shows' may be taken up and worked a bit, giving good, fair, or disappointing results, as the case may be. Then the stimulus passes, and they are let lie. But until some of them are taken up, and have something like £20,000 or £30,000 put into proving them wisely, we shall never know whether there are not to be half a dozen more Charters Towers scattered about the neighbourhood. I do not see why there should not be."

4 And are these putside shows as promising as the hig Towers.

Towers scattered about the neighbourhood. I do not see why there should not be."

"And are these outside shows as promising as the big Towers shows were at the start?"

"Who can tell? 'Promising' is a tricky word in mining. But there is no reason to think that they are not. Look at the mighty Brilliant that never cropped out at all that we know of, but was found by sinking on the line of outcrop of the Queen and Day Dawn lines. No, we cannot prophesy, but we know enough to guess that some day some of these outside shows, sank on in a workmanlike way, and not ruined by overcapitalisation, will be heard of on the London Stook Exchange."

"So that sounds healthy for permanence, depth, and area. Now, Mr. Miles, can you give us a sketch of the dividends paid, and calls made lately, and what sort of proportion they bear to one another, and how they are tending."

Mr. Mile's rummaged among papers again. "Here you are," a said, on emerging, "Dividends for '94, £293,063 9s. 6d.; alls, £52,075 0s. 9\ddaydelta,; excess dividends over calls, 240,988 8s. 8\daydelta. The dividends in '93 were £7834 12s. 9d. calls, £52,075 Os. 9\flat1d.; excess dividends over calls, £240,988 Ss. 8\flat1d. The dividends in '93 were £7834 12s. 9d. over those of '94; but then calls in '94 were less by £9814 14s. 3\flat1d. than those of '93; so on comparing excess of dividends over calls for the two years, '94 comes out a winner by £1979 11s. 6\flat1d. Up to the end of '94, the Charters Towers district had produced 3,076,301 ounces of gold; value (say) at £3 Ss. per ounce, £10,459,423. These are the sort of figures we trust to turn out with a steady annual increase, and we trust to them to win us the place we bid for on the London market—that of a group of mines run by practical men, offering, by and bye, a safe investment for money which a man doesn't mean to that of a group of mines run by practical men, offering, by and bye, a safe investment for money which a man doesn't mean to play with, but wants a return for. I don't mean to say there's no speculation done in Towers mines. You might as well look for a dog without fleas, as for a gold field without gambling. But what we do claim is to offer a list of mines, to invest in which, judiciously, is to count on safe and good returns.

"Of course, we don't challenge comparison with the likes of the Rand for out-turn and for importance in the eyes of the world, but, in the matter of the return we give to the average investor, we do claim to stand pretty solid in comparison to anywhere you like.

"And again, it wasn't foreign capital that made us. The real

"And sgain, it wasn't foreign capital that made us. The real worth and wealth of the field was found and proved by the men, working on the mines, you may say, or by men locally 'backed.' In general terms, no foreign capital went there until local companies proved the reefs and began to pay dividends.

"There are other certificates as to the soundness of our field to be found in its steady growth in spite of all the heart-breaking opposition that is thrust before pioneer miners who have only their own resources to count upon. The difficulties and expense of transport alone of machinery, in a hot, dry country.

expense of transport alone of machinery, in a hot, dry country, before we had the railway, were enough to kill any but an industry that was sound to the core.

"And even now that we have the railway we are still striving

in the teeth of fresh opposition, and winning. For instance, it has been decreed by the Queensland Government that imported machinery shall pay a 25 per cent. duty. I don't exactly use the words of the evening hymn when I speak of that law—and yet on the Towers, in spite of it, we have at work machinery and yet on the towers, in spite of it, we have at work machinery as complex and up-to-date as on any gold field in Australasia, not excepting Victoria. They import agricultural machinery, only putting on a nominal duty, and give us dynamite free; we can get boilers, and common or garden machinery in the colony, and good enough at that; but all the finer and more important kinds we have to get alust this graphing duty. However, in kinds we have to get plus this crushing duty. However, in spite of it, our goose thrives and keeps on making records in the ter of golden eggs.
Labour, and labour problems? H'm. Let's stick to mining tter of golde

and keep off political economies. You may say that no man who goes down a Towers shaft gets less than £3 a week—£3 10s. for rock-baring and such Boys get from £1 a week upwards. When you come to the higher sorts of work, an ordinary mine manager gets from £5 to £6 and £7 a week. Engine charge of a machine get about the same; fitters about £4.

"Yes, our crushing plant is all there. There's a 40 head battery going up for the Brilliant Block; M lls United are talking of putting down 40 to 60 head on the Burdekin river. Their who have 60 head of stamps there. There are complete batteries all over the place, several sets now of Huntingdon rollers; cyanide and chlorination works for the slimes. And with the grinding and concentrating plants for the mineralised stone that begins after the free gold leaves off, at the water level (say) from about 200 feet or so, we reckon we are fairly up to date.

"No"—emphatically, in answer to a question of mine—"there

"No"—emphatically, in answer to a question of mine—"there is comparatively no refractory ore raised on Charters Towers. What we raise we can treat on the spot. Whether there is some recent improvement really made, as they say there is, in the MacArthur-Forrest process, I don't know. But that, at the most, can only get out an extra fraction; and, so for as that goes, we are in the same position as most of the gold fields of the world?" the world."

And then I left Mr. Miles, wishing him a pleasant time on his holiday to his native Wales, to Ireland, and elsewhere, and a safe return to his adopted land of gold and sun.

IRON AND STEEL INSTITUTE.—The autumn meeting of the Iron and Steel Institute will be held at Birmingham on Tuesday, Wednesday, Thursday, and Friday, the 20th, 21st, 22nd, and 23rd of August next. The programme will embrace visits to the leading industrial establishments in and around Birmingham. The Worshipful the Mayor of Birmingham, Alderman Fallows, J.P., will extend his hospitality to the members of the Institute and others present on the occasion by inviting them to a recoeption at the City Council House and Art Gallery, to be held on the evening of August 20. The Earl and Countess of Warwick have kindly intimated their readiness to give a reception at Warwick Castle on Friday, the 23rd, when it is proposed also to visit the rains of Kenilworth. On Wednesday, the 21st, there will be an excursion to Worcester, and on Thursday, the proposed also to visit the rains of Keninwith. On venticity, the 21st, there will be an excursion to Vorcester, and on Thursday, the 22nd, there will be an excursion to Strafford-on-Avon, under the direction of Sir Arthur Hodgson, K.C.M.G., Chairman of the trustees for Shakespeare's birthplace. It is understood that ladies accompanying members will be invited to join in the social functions. The following is a preliminary list of papers that are expected to be read:—1, "On the Direct Puddling of Iron." By E. Bonehill. 2. On the "Thermo-chemistry of the Bessemer Process." By Professor W. N. Hartley, F.R.S. 3. On the "Hardening of Steel." By H. M. Howe. 4. On the "Mineral Resources of South Stafford-shire." By H. W. Hughes, Asso.R.S.M., F.G.S. 5. On the "Iron Industry of South Staffordshire." By D. Jones, secretary of the South Staffordshire Ironmasters' Association, 6. On "Tests of Cast-iron." By W. J. Keep, 7. On "Small Cast Ingots." By R. Smith-Casson. 8. On the "Estimation of Oxide of Iron in Steel." By A. E. Tacker, F.I.C. 9. On "Tests of Cast Iron." By H. A. Wiggin, RIPANJI QUICKSILVER MINES.—At Winchester House, on Tues-

RIPANJI QUICKSILVER MINES.—At Winchester House, on Tuesday, the shareholders in the Ripanji Quicksilver Mines assembled for the purpose of considering a couple of resolutions sanctioning the voluntary winding-up and reconstruction of the undertaking.—Mr. J. R. Clipperton (the Chairman) stated that at an extraordinary general meeting, held on the IIIth ult., he explained the circumstances which had actuated the board in adopting the present proposal, and the proprietors then provisionally approved the winding-up and reconstruction of the concern, subject to subsequent confirmation. He concluded by moving the necessary resolutions embodying the decision at which the heard had arrived and which RIPANJI QUICKSILVER MINES .up and reconstruction of the concern, subject to subsequent confirmation. He concluded by moving the necessary resolutions embodying the decision at which the board had arrived, and which had received their consent.—After some discussion, the resolutions authorising the winding—ap and reconstruction of the company were

A VERY rich roof was struck in Mullally's paddock, Gully Swamp, Carcoar, near the Homeward Bound Gold Mining Com-pany's leases, on what is known as the Forge line of reefs, at the 80 feet level. The reef is 10 inches wide, and prospects fully 4 ounces to the ton.

THE ROYAL AGRICULTURAL SHOW AT DARLINGTON.

MACHINERY AND OTHER EXHIBITS.

(FROM OUR SPECIAL CORRESPONDENT.)

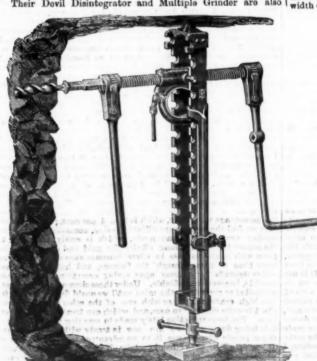
(Continued from page 760.)

READERS of The Mining Journal would find the standof the Hardy Patent Pick Company (Limited), of Sheffield, very interesting. It need scarcely be said that they made a good display of the picks from which they take their name, together with the standard of the picks from which they take their name, together with

MAGNETIC SEPARATOR

or articulated rods. The vibration thus produced must necessarily be entirely taken up in causing the oscillation of the sieve, and cannot affect the frame, or surrounding objects. The Hardy Pick Company are applying the Vibromotor chiefly for screening coal. In these machines, though the screen is 15 feet to 18 feet long, the motion is given by a small weight at the upper end. They say that they have also used them for ironstone, with very satisfactory results. Another exhibit is the Magnetic Separator, a machine for removing pieces of iron or steel from grain, bones, coal, or any other substance. It consists (see illustration) of a wrought-iron cylinder, 4 feet diameter and 4 feet long, set at an angle slightly out of the horizontal, so that when revolved, material introduced at the upper end, will gradually fall out at the other. The cylinder is placed on rollers, which enable it to turn easily, and leave the inside free from obstruction. Inside the cylinder are 12 magnets, extending along the greater part of its length. These magnets are inside free from obstruction. Inside the cylinder are 12 magnets, extending along the greater part of its length. These magnets are connected with a dynamo, the connection being intercepted when they arrive at the top of the machine. A tray supported from the outside, passes through the cylinder near the top. During the greater part of their revolution the magnets will attract any pieces of iron in the material which is being passed through the separator; but being demagnetised when they reach the top, they drop these pieces into the tray. As every piece would have to pass 120 times over the magnets, it is impossible that any should escape; in fact, it is found that all iron is usually intercepted within 6 inches of the upper end of the machine. A quarter of a horse-power is sufficient to rotate the cylinder, but the power required for the dynamo is 1½ horse-power.

Their Devil Disintegrator and Multiple Grinder are also



HAND DRILL WITH FRED BRAKE, shown. In mining tools they exhibit ** Aome, the Conqueror, and other drilling machines, their recent make being the

Elliott. The pecularity of this machine is the manner in which the automatic feed is regulated by a brake. The brake is formed by a gun-metal wheel, which gears into the screw that drives the drill. A collar passes round this wheel, and can be tightened by a lever. It will be seen that as this collar is tightened, the friction of the wheel against it will increase, and the rate of feed will necessarily diminish. The machine works with a spiral drill, and is intended either for coal or rock. In coal it has drilled six 1½ inch holes, 3 feet deep, in an hour, the position of the machine having to be altered for each hole. In hard ironstone it took from 20 to 30 minutes per hole, powerdrils which were tried against it being longer. The exhibitors show several drills, suitable for this and other machines; one of these is called the "excavator," or chambering tool, which consists of a pair of curved cutters at the end of an archimedean drill. The hole is first sunk to the full depth by an ordinary drill, and then the excavator is inserted with the cutters closed. By turning the tool the cutters spread and open out a chamber at the bottom of the borehole. They also show a small model of Elliott's Patent Coal Washer, which is an iron or steel trough, with sloping sides, and about 18 inches wide. Hardy Patent Pick Company (Linux)
display of the picks from which they take their name, together with shovels, hammers, saws, axes, and drill steel. Their chief novolty, Beaumont's patent Vibromoter, was described on May 20, page 621. It will be remembered that this is a machine in which the vibratory motion is caused by a rotating weight. The spindle round which the weight revolves is attached to the sieve, but is not in any way connected with the framework of the machine, as the sieve is suspended by straps, chains, wheel, and on an endless chain which travels over these wheels are scrapers fitting the inside of the trough in an opposite direction to that in which the water runs. The coal is admitted at the centre of the coal is admitted at the centre of the coal is admitted at the centre of the sieve is inclined, and the water runs.

near the upper end. The inclination of the trough and the force of the water take the coal to the lower end, whilst the dirt settles round the scrapers, and is drawn by them to the upper end of the machine. As a rule, the water is pumped up, and used over and over again.

(To be continued.)

THE FIFESHIRE PIT DISASTER.—The following correspondence has passed between Mr. Asquith, late Home Secretary, and Mr. John Weir, secretary of the Fife and Kinross Miners' Association:—"Home Office, London, June 28, 1895. Dear Sir: I regret to learn that through some oversight for which I am not responsible you have not been kept fully informed as to the enquiry into the disaster in the Fifeshire Main Collieries. I at once directed that a public enquiry should take place, and it has now been decided that it shall be held by Sheriff Comrie Thomson. The precise date and place are, I believe, not yet fixed, but you shall learn that as soon as they are arranged. My official responsibility ceases to morrow, but I am anxious to let you know these facts.—Yours faithfully, H. H. Asquith, Mr. John Weir, secretary, Fife and Kinross Miners'. — " Miners' Office, Dunfermline, June 29, 1895. The Right Hon. H. H. Asquith, Q.C., M.P., Sir: Your favour of yesterday's date duly received, in which you state that you were not responsible for my want of information as to the date, when, and place where the enquiry into the disaster which took place recently at the Fifeshire Main Collieries was to be held. I am glad to know this, as I had formed the opinion that the reply received ficical information from the Procurator-fiscal here of all the particulars asked for. I regret, however, that the date fixed for the opening of the enquiry is very inconvenient, happening as it does during the annual holidays for West Fife. If it were possible it would confer a favour upon us were it delayed for one week. May I ask you to use your influence to have this delay brought about.— Yours faithfully, John Weir."

A SEABCH FOR COAL IN TEESDALE.—For some weeks past coalboring operations have been going on in Teesdale, The place

A SEARCH FOR COAL IN TEESDALE.—For some weeks past coal-boring operations have been going on in Teesdale. The place chosen is Holdsforth Farm, near to Egglestone, and about seven miles north-east of Barnard Castle station. The operations are being conducted under the superintendence of Mr. Elliott, of miles north-east of Barnard Castle station. The operations are being conducted under the superintendence of Mr. Elliott, of Bishop Auckland. The nearest coal to Holdsforth which is being worked is at Wooley Hill, not far from Woodlands. The first hole was put down about 50 feet, when a fault in the strata stopped operations. Six inches of coal was passed through, then 18 inches of coal and shale band, and a little further down a 6 inchesem of excellent coal. A fresh spot has been chosen for boring operations, when it is calculated the fault will be missed, and the seam of coal will thicken.

BETWEEN the Nos. 1 and No. 2 shafts at the Great Boulder Mine Hannan's) there is a distance of 120 feet. From No. 1 sheft a drive has been put in at the 100 feet level on the footwall, and a similar drive has been put in from No. 2 shaft on the hanging-wall. At 60 feet from either shaft a crossout has been put in to test the width of the reef, which is shown to be 30 feet wide.

The Normanby Mine, situated a couple of miles northeast of Cue is looking well. The stone being raised promises to maintain the average already recorded—viz., 619 ounces from 290 tons. About 60 tons on the surface will soon be sent to the battery. The property in which the mine is has been well prospected, eight shafts having been put down, their depths varying from 30 feet to 80 feet. The main shaft is down 80 feet on the underlay, but 45 feet or 50 feet will have to be sunk before water is renohed; so that an immense amount of stoping can be done before operations are checked by the water. can be done before operations are checked by the water.
The reef averages 3 feet in thickness at the 60 feet level
where the stoping is now going on. Gold shows freely
in the stone. The Normanby and the adjoining 6 acre
lease, known as the North Cue, are under offer.
A SPLENDID lot of specimens from the Empress of
Cholegic Mine are now on view at the office of Meere.

A SPLENDID lot of specimens from the Empress of Coolgardie Mine are now on view at the office of Messrs. Begelbole and Lane, in Coolgardie Chambers. The stone was met with in putting in a cutting on the eastern side of the quartz blow, and is stadded with gold, which runs a 1 through the matrix. The samples on view are extremely rich, and demonstrate the fallacy of the oft. propounded theory that the big quartz blow on the property formerly known as Ben Nevis is comparatively barren. The immense outcrop will be worked on the open - out or quarty system to sepply the battery, which is almost ready to start. The engine is working well, and is sapplying the power for the saw-bench and for and is supplying the power for the saw-bench and for hauling from the main shaft. The battery started on a trial ran a day or two ago. A splendid lot of stone a trial run s day or two ago. A splendid lot of stone ready for crushing is lying at grass, chiefly from the

ready for crising is lying at grass, chiefly from the open-cutting.

Full work will not be attempted at the Kinsella (Murchison) until the completion of various arrangements in connection with the machinery, which is rapidly approaching. Two boilers are being built is, and the base of the stack is almost finished. The engine is in its place; the winding gear is being got into position, and will appears to be stack in the conductor of the stack is a state of the stack in the conductor of the stack is a state of the stack in the stack probably be ready for a start soon.

THE dry weather is seriously interfering with the mining industry on Central New England. For the most part, claim-holders are stacking their dirt.

MEETINGS OF MINING COMPANIES.

TATI CONCESSIONS, LIMITED.

Part of the property to be sold.

HE first general meeting of the Tati Concessions (Limited) took place on Monday, at Winchester House. Mr. MAX MICHAELIS (the Chairman of the company) pres ding.

The SECRETARY (Mr. N. Clayden) read the notice convening the

The SECRETARY (Mr. N. Clayden) read the notice convening the meeting.

The CHAIRMAN said: Gentlemen—As you are aware, this meeting is called in compliance with the Joint-Stock Companies Acts, under which we are bound to hold our first general meeting, usually called a statutory meeting, within four months of the registration of the company, and I will take this opportunity to give you a brief outline of the property, and the rights acquired by your company, with a few remarks about our financial position and the work that has been done since its incorporation. As to our property and rights, the Tati Concessions is situated in the south-western portion of Matabeleland, South Africa, and this territory is usually known as the district of the Tati. The limits of that district are as follows:—From where the Shashi river rises to its junction with the Tati and Ramoqueban rivers, thence along the Ramoqueban river to where it rises, and thence along the watershed of these rivers. The length of the concession from the junction of the Ramoqueban and Shashi rivers in a direction towards the N.N.W. is about 90 miles, the total area of the concession being between 1700 and 2000 square miles. The district of the Tati now forms part of the Bechuanaland Protectorate under the Crown, and the laws from time to time prevailing in that Protectorate are to prevail without distinction throughout the Tati district, splice to certain exceptions and reservations. The in that Protectorate are to prevail without distinction throughout the Tati district, subject to certain exceptions and reservations. The concessions granted to this company by Lobengola have been confirmed by Her Majesty's Government, and the company is now recognised as owners of all the lands within the district of the Tati; the making of laws and the civil administration of the Tati territory is vested in the Crown. The company possesses the following exclusive rights:—First, of minerals under all lands within the houndaries of the concession, second of minerals which we will be concession. Tati; the making of laws and the civil administration of the Tati territory is vested in the Crown. The company possesses the following exclusive rights:—First, of minerals under all lands within the boundaries of the concession; second, of mining rights, privileges, &c., within the boundaries of the same; third, of grazing rights; fourth, of forestal rights; fith, of agricultural rights; and sixth, of trading rights, but these latter, of course, would not be exclusive. The company also possesses trading stores both at Tati and the Monarch Mine, where considerable business has been carried on for several years. At the Monarch Mine development is being rapidly proceeded with; a 30 stramp mil, complete with all motive power, &c., has been erected, and crushing will shortly be commenced. We have a great many applications for locating claims, and we are now in active correspondence with our manager, settling the conditions under which properties can be taken up. We next come to our financial position. The company was formed to take over the property of the Tati Concessions Mining and Exploration Company (Limited). The nominal capital is £500,000, of which about £287,000 represents the purchase price; and of the remaining £213,000, 107,690 shares were issued and taken up by the shareholders of the old company, of which about £76,000 is already in hand, and the balance is payable on or before August 18 next. Our financial position is, therefore, a very strong one, for your directors have reason to believe that the unissued shares could be readily placed at a substantial premium. With regard to mining operations, under the old company they were principally confined to the Monarch reef: but the progress made was alow, owing to various reasons, of which the principal one was the scarcity of a continuous supply of native labour and the Matabele war. The lisse of this war had a most beneficial effect on the labour market, and we now experience very little difficulty in obtaining all that is required. The outcrep of the Mo

Subsequently an extraordinary general meeting was held, at which the Chairman proposed:—

That the directors of this company be authorised to proceed in the formation of the proposed new company, and that such of the directors of this company as may be willing, be and they are hereby authorised to accept office as directors of such new company, and to hold that office in conjunction with their respective directorships of this company. Mr. Louis Floresheim seconded the motion, which was unani-

The CHAIRMAN also moved :-

That this meeting approves of the draft submitted to this meeting of the proposed agreement between this company and the new company and Messrs. Emile Erlanger and Ce., and authoriess the directors to execute and carry out the same, either inaccordance with the copy draft which has been sent to each shartholder, or with such variations as the directors may from time to time consider expedient.

The CHAIRMAN added that under the Articles of Association the board had full power to conclude this business without referring the matter to the shareholders, but as some of the directors had taken an in erest in the proposed guarantee of the working capital, they felt that this agreement should be submitted for confirmation. Mr. D. Francis seconded the motion. A SHAREHOLDER enquired what would remain to the old com-

A SHAREHOLDER enquired what would remain to the old com-pany when the new company was formed.

The CHAIRMAN, in reply, said that everything would remain to the old company, with the exception of the part of the Monarch reef sold to the new company.

A SHAREHOLDER asked what proportion the 50 claims would bear to the whole number held by the original company. He also wished to know if these 50 claims were sold in one block, or had been taken, as he had understood had been the case with other com-

The CHAIRMAN, in reply, said that these claims were all in one block, and all on the Monarch rest... It was impossible for him to say what proportion they bore to the other claims existing on the concession. The Blue Jacket had located 270 claims for its own use, and 270 claims for this company. That made 540 claims, and there were a number of other reefs on which claims had been located.

located.

Mr. EAGLETON thought the second resolution gave the directors too much power to be legally binding. He referred to the part which spoke of the carrying out of the agreement, "with such variations as the directors may from time to hims consider expedient."

Mr. LEADBITTER (solicitor) said the agreement had been settled by a most eminent company lawyer.

A SHAREHOLDER asked if it was intended to give any explana-

tion of the circumstances under which the increase of capital was

proposed.

The CHAIRMAN said that no increase of capital was proposed. He thought that the agreement gave sufficient information on the subject. The fact was that out of the company's area they were

only taking an infinitesimal portion of the property. It was true that it was a property which had been worked upon for some time, but the price for which it was parted with to the new company was such that the eventual value had been fairly taken into considera-

A SHAREHOLDER understood that this was simply a sale to a co

A SHAREHOLDER understood that this was simply a raie to a company of a portion of the property, so that instead of asking for feesh capital they were receiving a considerable amount of money. The CHAIRMAN said that was exactly the case. In reality the old company remained in the first instance as partner in a new company to the extent of two-thirds, besides which they had the light to subscribe for £50,000 of the working capital issued at receast. The firms who had convented the working capital said resent. The firms who had guaranteed the working capital isside at they were willing 30 do so, but they must have the option of 25,000 shares, which the board considered was a fair proposition.

Major LESLIE remarked that, considering they were getting two-thirds of the shares, under the circumstances the bargain seemed

of the sharer, under the circumstances the bargain seemed of that the shareholders ought to give the directors a very wide

discretion.

Mr. LEADBITTER pointed out that there was a difference between an agreement and a draft. This was a draft, and the object of the resolution was to enable the board to make any variation in details, such as the timber, water, and other rights, which could not be sufficiently provided for. If it were expedient to make a trifling alteration in connection with the purchase, such as sometimes arose in the sale of lands, he believed the directors would have power to do so, but not to sebstantially alter the conditions. He thought the o so, but not to substantially after the conditions. He thought the hareholders might safely leave this matter in the hands of the irectors, who had hitherto had the conduct of the company.

The resolution was then put to the meeting, and carried with two iterations in the conduct of the company.

dissentients.

Major LESLIE proposed a vote of thanks to the Chairman for his courteous conduct in the chair. The shareholders, he considered, were under a deep obligation to the directors for having brought this important matter before them, and he believed they would all join in passing this vote of thanks. (Applause.)

The resolution was duly seconded, and carried, and the proceedings terminated in the usual manner, with a vote of thanks to the Chairman.

ings termin

CEARA HARBOUR CORPORATON.

The modified plans now before the Brazilian Government.

The ninth ordinary general meeting of the Ceara Harbour Corporation (Limited) was held on Wednesday, at the offices, Sr. George's House, Eastobeap, under the presidency of Major General G. DE LA POER BERESFORD (the Chairman of the corporation.

The SECRETARY (Mr. T. H. Evans) read the notice convening the

The SECRETARY (Mr. T. H. Evans) read the notice convening the meeting. The report and accounts were taken as read.

The CHAIRMAN said: Gentlemen—The original plans for this harbour are found not to be quite in accord with the natural causes on the coast—the currents and the prevailing winds—and it has been necessary to modify them. Sir George Bruce has drawn up a plan for a land-locked harbour; we have been dredging out that harbour for some time, and a very few months more will complete the work of dredging. There will then be a passage into the harbour which will be sufficient for vessels up to a certain draught. We are in treaty with the Government to sanction the modification of those plans, which can be completed at a much smaller cost, and with much greater profit to the country than the original plans for this harbour. We have not yet heard that the Government bave sanctioned these plans, but as soon as they do so we will issue the rest of the these plans, but as soon as they do so we will issue the rest of the capital that has been guaranteed, and we hope to get it and to complete the harbour. Once it is sanctioned we hope that one week to capital that has been guaranteed, and we hope to get it and to complete the harbour. Once it is sanctioned we hope that one year to 18 months will finish everything. I do not think there is any more to be said except that we have called a meeting of the debenture-holders to ask them to forego the payment of their debenture interest for a little longer, as it is with this money that we are carrying on the works. Mr. Houston, who has been out there for some time, is in the room, as is also Mr. White, Sir George Bruce's partner, and either of them will be glad to answer any questions that may be put. I now beg to move, "That the directors' report and accounts, as submitted, be received and adopted."

Mr. M. MOORE seconded the resolution.

The CHARMAN, in answer to a SHAREHOLDER, said that for four

years the directors took no fees in cash, receiving them in paper instead. CHAIRMAN, in answer to a SHAREHOLDER, said that for four

The resolution was carried unanimously.

The retiring directors, Mr. H. J. Norman and N. G. Burch, and the auditors, Mesers. Deloitte, Dever, Griffiths and Co., were then reappointed.

reappointed.

In answer to a question, Mr. HOUSTON said he left Brazil in January, and the Minister of Pablic Works assured him that the Government would give their approval of the modified plan by March at the latest; the matter, however, was not settled yet. The official departs in Rio were choked up with work.

MEETING OF DEBENTURE-HOLDERS.

A meeting of the holders of the six per cent debentures of the company, secured by deed of trust, dated April 27, 1885, was after-wards held, under the presidency of Mr. J. NORMAN, one of the

The CHAIRMAN said: This meeting has been called in order to sak you to rease the resolutions of which you have already had copies in the circular now in your hands. As these resolutions are practically identical with those which were passed two years ago, it will cally identical with those which were passed two years ago, it will be unnecessary for me to go into any explanation of their object, which I feel sure you will all understand. I will merely say that we are expecting daily to hear that the Brazilian Government have approved the new plans for the construction of the Ceara Harbour, and as soon as they have done so we shall at once take the necessary steps for raising the additional capital. I am addressing you now in my capacity of trustee, whose duty it is to look after your interests, and, much as I dislike asking you to make this additional sacrifice. I feel sure that in so doing I am doing that which is best for all concerned, but I leave myself entirely in your hands. I may further remind you that the shareholders have to forego their interest as well, and I may also say that the money that has been already spent at Ceara has been spent to very great advantage. It has very much improved the harbour, and even in its present state the captains of vessels who have landed there have expressed entire approval of what has been done. I have pleasure in adding that approval of what has been done. I have pleasure in adding that we have numerous proxies from our largest and most influential shareholders, who all seem to sporove of the plans. As General Beresford mentioned just now, Mr. Houston is here, as well as Mr. White, Sir George Broce's partner, and these gentlemen will be happy to give you further details about the harbour if you wish for them. I now have to move the following resolutions:—
"That in lieu of payment in cash of the instalments of interest on the debentures secured by the trust deed of 27th April, 1885, due on the 1st August, 1895, and the 1st February, 1895, the company do inne to the holders of the said debentures in satisfaction of do lose to the holders of the said decentures in satisfaction of such layments, at the option of the holders, either 6 per cent. preference debentures of the company calculated at 95, or deferred interest warrants, payable on 31st December, 1896, for the nominal amount of the said instalments, and that the holders of the said debentures do deliver up to the company the coupons representing the said two instalments of interest in exchange for the corresponding deferred interest warrants, or the amount of 6 per cent pre-ference debentures or fractional certificates, as the case may be, and that to this extent the rights of the said debenture-holders and that to this extent the rights of the said decenture-holders against the company and its property be hereby modified. That the company are hereby authorised and requested to apply the cash representing the said two instalments of interest in or towards the presecution of the works of the company at Ceara. That the paylment of the deferred interest warrants due on the 31st December,

1895, and which were issued in respect of past instalments of interest, be deferred until the 31st December, 1896. That the trustees for the time being of the said trust deed of the 27th April, 1885, are hereby authorised and requested to assist in the carrying out of the foregoing resolutions, and to enter into and concur in any deed of agreement which the company may deem desirable."

Mr. N. G. BURCH seconded the resolution.

A DEBENTURE-HOLDER asked what was the amount of money that would be required to be raised to carry out the modified scheme.

The CHAIRMAN: As far as we can make out, about £67,000—very

e Chairman: As far as we can make out, about £67,000—very

auch less, of course, than was required for the original plans.
The DEBENTURE-HOLDER: How much will you have to raid ddition to what you are saving now in the way of interest?
The CHAIRMAN: About £80,000 or £90,000.

After further discussion the resolutions were put, and carried nanimously, and the proceedings terminated with a vote of thanks

NEW CHARTERS TOWERS MINES.

The preliminary works being rapidly completed. The first general meeting of the New Charters Towers Gold Mines

(Limited) was held on Monday, at the Cannon street Hotel, E.C., Mr. ROBERT J. PRICE, M.P. (the Chairman of the company) presiding. The CHAIRMAN said: Gentlemen—This, as you have heard, is the

The CHAIRMAN said: Gentlemen—This, as you have heard, is the statutory meeting of the company. I am glad to tell you that the capital has been fully subscribed, and we have about 1000 shareholders. The working capital is £13,000, which is nearly three times the amount estimated as sofficient by the vendor. He put the necessary working capital at £5000, as the mine had already been considerably developed. I am sorry to say there was some delay in our man 1ging director, Mr. George Cavey, arriving on the property. He had some illness in his family, and the result was he was unable to go out on the date originally intended. Besides that, there was in hand another Queensland property, which we thought might be conveniently worked, as far as management expenses went, with in hand another Queensiand property, which we thought might be conveniently worked, as far as management expenses went, with this property, so as to reduce the average for the two. You will be interested to hear what provision we have made for working the property we have acquired. We appointed as managing director Mr. Cavey, who was the original vendor, and is one of the largest shareholders. He is a man who has had great experience in the country, and we had good accounts regarding his integrity and ability. We thought that, although it is often necessary to place the entire management of a convensy noder one treated expresentative, when We thought that, although it is often necessary to place the entire management of a company under one trusted representative, when you are dealing with a mine in a place like Charters Towers it is very desirable to associate someone else with the manager in the performance of his work. Consequently we have decided to adopt the principle of having a local board. Besides Mr. Cavey, the local board will consist of two. We shall have Mr. Cavey himself and an experienced gentleman recommended to us by the Bank of Australasia, Mr. Paull, the manager of the Brilliant Block. We should have, therefore, these two gentlemen and a good mine manager, who would be selected over there, because we have rather a belief in local knowledge, as there are some peculiarities in the geological formation of the country. We think the mine ought to have every chance of success under that management. We have over here what, I hope, will prove a business-like board; and I think, as far as human foresight can say, we start under good think, as far as human foresight can say, we start under good auspices. Of course, the chief value of this mine and the reason for raising capital was the necessity for treating the ore by some other process than pan amalgamation, and experiments have been made showing that the cyanide process is suitable for this purpose. The ore is of a pyritic and refractory nature, that will yield very little of its golden contents to the ordinary treatment. The cyanide plant we hope to erect shortly, but hattre, that will yield very little of its golden contents to the ordinary treatment. The cyanide plant we hope to erect shortly, but before then we have to complete what we have not yet completed—a good sliding scale arrangement with the cyanide process company. That we do not anticipate any difficulty about, and we hope that shortly after Mr. Cavey gets to work we shall have that plant erected and be able to show the shareholders some results. You know I think that the mine promises to be a good purchase, and if we get out the metallic contents it ought to have a successful life.

The proceedings shortly afterwards terminated in the usual

CHARTERS TOWERS CONSOLIDATED MINES,

Two lodes running through the property,

The statutory meeting of the Charters Towers Consclidated Gold Mines (Limited) was held on Monday at the City Terminus Hotel, E.C., Mr. ROBERT J. PRICE, M.P., the Chairman of the company,

The CHAIRMAN: Gentlemen-This is the statutory meeting, and consequently there are no reports and no accounts to lay before you, and, indeed, there is not very much to be said, because this company was only registered on April 4, and the general manager did not leave England until May 17, so that he has only just arrived, if even he has arrived, at Charters Towers. Now, this property is a very good mining proposition as I think. What attracted me in the matter was this—there were two well-known lodes, well known because they had been profitably worked on properties around and which ran through our property, and besides that there are other lodes which are likely to be met with. The two lodes to which I refer are the North Australian and the North Australian P.C., which have been proved to be very remunerative and are quite close to the border of our property. The Mosman Company worked these two lodes to within a few feet of the commencement of our protwo lodes to within a few feet of the commencement of our property. We have got the whole of the capital sub-cribed and 500 shareholders. We have £20,000 working capital, and with that, considering the amount of development done in the tunnel, and by our good neighbours next door to us, we ought really to have sufficient capital to work this mine efficiently. The question of working capital is, I know, one of the weak points with most mining companies, who start without a sufficient amount, but we have so much work done for us that I think we ought to find we have quite efficient. We have an amount very much largest than that sucknown. sofficient. We have an amount very much larger than that sp of by the vendor, and your directors would not be prepared to apon a mining enterprise if it were likely to be starved for wa apon a mining enterprise it is were interly so be seared for war to funds, and they, therefore, insisted upon having this sized working capital. I think the way in which we shall begin to work the mine will be to sink a shaft at a point where it is recommended, not only by Mr. Caver, but by outside experts whom we have consulted, so that we shall cut these two iodes and perhaps another, and we hope to be able to work through the shaft through which the Mosman Company worked in their property, which is quite on our border. We are convinced that on these lines shaft through which the Mosman Company worked in their property, which is quite on our border. We are convinced that on these lines the company may be worked economically and efficiently. It is not for me to make any prophecies, because I do not know, but we do know that we have two lodes running through our property, both of which have been very valuable close up to our border. We cannot see into the bowels of the earth, but as far as I can understand, everyone who has known the property will be surprised if we do not find as good ore as others round about us have found. We have made arrangements for the local management, which I hope will be satisfactory to you. As I said a few minutes ago, at another meeting, I regard the system of having a single manager as an evil that you ought to avoid if you can, but when you get to a part of the world which is very much out of the way, you cannot help yourselves. Unless oughs to avoid it you can, but when you got to a part of the world which is very much out of the way, you cannot help yourselves. Unless you are prepared to spend an enormous sum for management, you have to do with one manager, and all that a board here can do is to take care that they appoint a trustworthy and efficient man, because so many thousands of miles away it is impossible for the

home board to really manage the mine. However, in this case the property is near to Charters Towers, which is a large mining district, and we felt we ought to adopt the principle of having a local board with an efficient mine manager under him. We have appointed a local board which will contist of Mr. Cavey and Mr. Paoll, the latter being strongly recommended to us by the Bank of Australasis, and who is an experienced mining man, and a successful one too, because he was the manager of the Brilliant Block, a well-known mining property, which has done exceedingly well. We think that under the experienced direction of these two gentlemen, and an efficient mine manager on the property, the result ought to be as efficient mine manager on the property, the result ought to be as satisfactory as good management can produce. The expenses will not be more—we think less—than if we sent out a really good manager from England, and we think that running these two companies more or less in barness will be a source of economy. We shall be able to contract on favourable terms, and a very small sum will cover office and all clerical expenses, so that I think this mine will be economically worked without the usual amount of dead expenses, and I see no reason why we should not have a long and profitable expense. (Applicable ofitable career. (Applause.)
After a brief discussion the proceedings terminated in the

AMERICAN BELLE MINES, LIMITED.

Mr. Crowther hopeful as to the future.-The company's present position.

The ordinary general meeting of the shareholders in the American Belle Mines (Limited), was held on Tuesday, at Winchester House, the chair being occupied by Mr. THOMAS PHILLPOTTS.

The SECRETARY (Mr. McNeill) read the notice convening the

meeting.

The CHAIRMAN said: Gentlemen—I presume it is your pleasure that the directors' report and statements of accounts be taken as read, and I will at once proceed to deal with the one or two matters in the accounts which would seem to require, perhaps, some lit le explanation on my part. You will remember that in our last balance-sheet we had one item of £1142 5s. 3d., which was deposited with the Miners' and Merchants' Bank, Ouray, to meet a contingent liability on an action lost by the company, against which we had appealed. The matter has been terminated by a payment of £413 5s. as compensation for the fatal accident, consequently the balance between the sum of £413 and the amount of the deposit, £1142 5s. 3d. (say) £700, has become available for the general purposes of the undertaking, and has been so utilised. The next matter is the contingent liability to Mr. Crawford, as per previous balance-sheets—viz., £20,726 1s. 6d. You will remember that this item was the subject of an agreement between this company and Mr. Crawford, which provided, inter alia, that, under certain conditions, it should cease to be a liability as against the company on October 1, 1894. Accordingly in this balance-sheet we have dealt with the matter:—1. By placing £10,429 11s. 5d. to the credit of our revenue account in respect of the year ending 1891. 2. We have written off the sum of £10.296 10s. 1d. from new buildings, improvements, and prospecting works in respect of the expenditure under this heading during the same year. With regard to the directors' fees, you will have noticed that we have cancelled in the books of the company the sum of £2245 16s. 8d. which stood to our credit. We have not received any fees for the present year, and we have been and are performing our duties without any remuneration. Now, as to the company's resources—there is on deposit to-day at Measars. Lloyd's Bank in London the sum of £2700, and there is in addition, roundly speaking, ecting.
The CHAIRMAN said; Gentlemen—I presume it is your pleasure sources—there is on deposit to day at Messrs. Lloyd's Bank in London the sum of £2700, and there is in addition, roundly speaking, the sum of £4000 invested in the Silverton smelter. These, less sundry small items of expenditure, amount practically to £6500. Our colleague, Mr. F. P. Crowther, has just returned from a visit to the property, and after consultation on the spot with Captain Harvey and Mr. Harold Wilson has set out his and their final conclusions in a letter, which was published in extense with the directors' report. Mr. Crowther is so fully acquainted with the possibilities of the mine that I will not take up time by dealing with bilities of the mine that I will not take up time by dealing with this question, and will only remark that we on this side of the table, and I think you also will agree that our thanks are due to Mr. Crowther for devoting time and attention to this matter, for which he has given his services gratuitously. I have now to formally move—"That the directors' report and accounts for the year ending December 31, 1894, as presented, be received and adonted."

Mr. F. P. CROWTHER, in seconding the motion, said: Gentlemen—In carefully reading over my remarks made on the occasion of our last annual meeting, I am conscious that the results of the year's work do not pan out either to your satisfaction or to my own. There is no use in mincing this matter, and it is due to you to give a full explanation of the reasons why they have not done so. Some of you listened to my remarks addressed to the shareholders of the New Guston Company (Lim'ted), this morning, and you heard how successfully the Silverton smelter was dealing with the ores from that mine, and no doubt you wonder how it is that if such good results could be obtained with the ores from that mine, why equally good results could not be obtained from the ores from the mine, why equally good results could not be obtained from theores from the National Belle Mine, owned by this company. The reason is not far to seek; it is that there is a marked difference in the ores from the two mines. When you, at our instigation, agreed to Invest not far to seek; it is that there is a marked difference in the ores from the two mines. When you, at our instigation, agreed to invest \$19,500 in the Silverton Smelting and Mining Comrany, your ore, as it stood in the stopes, looked in every way suitable for the smelter, and we commenced to extract it and ship it in fulfilment of our contract with the smelter. We commenced work extracting the ore above No. 2 and No. 3 levels. We very quckly found that the ore changed its character. As the extraction proceeded we found the ore in No. 3 stope became for the time being too low in value to shin, and the ore in No. 2 stope increased so rapidly in copper contents that our manager at the smelter had to inform us that we must call a halt. By this time something over 2000 tons of this 11 to 14 per cent. copper ore had been shipped and unloaded into the bins of the smelter at Silverton, of which a very large proportion remains to this day, and we are only able to use it in our farnace at the rate of about 5 or 6 tons per day. It is too high in copper for us—our process is one of concentrating by fire a large number of tons of low-grade copper ore intermixed with suitable silicious ores, into 1 ton of matte; our average is about 11 or 12 tons into one, and our commercial success depends upon this being done. We can deal with moderate quantities of ores carrying up to 5 per cent. or 6 per cent., or even 7 to 8 per cent. of copper readily, so long as the quantity of copper does not exceed that by judicious mixture with other ores carrying no copper. We can regulate the quantity of copper in the charge so as not to exceed the preparative we require, which is 3 to 4 per cent. when it runs the quantity of copper in the charge so as not to exceed the percentage we require, which is 3 to 4 per cent.; when it rus over we find the copper runs off into the slag, necessitating this slag passing through the farnace again, which is costly, and owing to passing inrough the furnace again, which is costly, and owing to the copper baving a strong affinity for gold and silver it carries them with it, and our loss in silver becomes exce-sive, increasing every time it goes through the furnace, and hence the process, which depends for success upon saving everything as cheaply as possible, becomes unprofitable. Under these circumstances we were compelled to close down the mine until we could find a market for this high grade copper ore with one of the other smelters, whose plant is quite different to ours, and which can treat it to an advanplant is quite different to ours, and which can treat it to an advan-The large reduction lately made in smelting rates permits of slog done, and we are now in treaty with the Omaha and tage. The large reduction lately made in smelting rates permits of this being done, and we are now in treaty with the Omaha and Grant people who can use it to an advantage in their smelter at Drango. They have offered to take it from us on terms, and negotiations are now in progress which, we trust, will result in a satisfactory contract to us, and which will furnish us with sufficient funds to enable us to reopen the mine, and push forward with our development work as rapidly as possible. lly examined the mine along with Captain Harvey and Mr. Wilson in May, and we all feel that if worked is pushed in depth, there is an excellent prospect of this mine developing

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nto a large and profitable producer. There is some considerable quantity of high-grade copper ore in the mine ready for extraction, which, when we market it, should give us considerable fonds wherewith to carry on our development in depth, and ere long I do not doubt that we shall be able to dispose of your shares in the smeller at pay. From these two sources we expect to obtain some \$30,000 to \$34,000. We have a further \$13,000 cash in hand, and we shall thus have sofficient funds to sink another 300 feet or 400 feet, by which time the fource of the mine can be fairly made manifest. The ore-body over No. 3 level is very likely to improve as it is raised upon, and it is quite likely to add further to the funds at our disposal. There are favourable indications in the fourth level also, and ore is showing for a considerable distance in the last crosscut driven, but it appears to be a branch or spur, and not the main north ore-body; that we are in close proximity to this ore-body appears pretty certain, and a little more work at this point is exceedingly likely to result in its discovery. If it do not, we have determined to sink a winze upon the ore from No. 3 level, and by this means we shall be able to locate its position at the fourth level. I naturally presume that you will expect to hear something from me regarding the emplity in which you have an interest. It is impossible to recommendent in the contraction of the manner was an interest. a winze upon the ore from No. 3 level, and by this means we shall be able to locate its position at the fourth level. I naturally presume that you will expect to hear something from me regarding the smelter in which you have an interest. It is impossible to pass-through the initial stages of a new and almost untried process without meeting with difficulties, and, of course, such has been our experience. We found that the size of our stove for heating the blast, as originally planned, was too small; it was enlarged and still fund too small; and finally it was again enlarged. The work was completed rowards the end of November, and I am happy to say that all difficulty has been successfully overcome, and ever since November 25 our work has been excellent. We had further difficulty in obtaining a regular and sufficient supply of silicious ores, which are necessary as floxes, and without which it is impossible to smelt the pyritic copper ores produced by the Red Mountain Mines We are now in much better shape in this respect also, and we are obtaining an increasing supply, as the low treatment charges we are able to give are encouraging the owners of the quartz mines to open up their properties in and all around Silverton. During our experimental stage we were able to hold our own, and we closed our first year's account on March 31 last just about square—which, all things considered, was very satisfactory. We commenced running the smelter on May 14, and from that date to June 30 we have smelted about 5300 tons of ore, and our manager and treasurer—Mr. Harold Wilson—cables me that we have made a very substantial registioner and all supplements over and above all our expenses. I look forward with consme'ted about 5300 tons of ore, and our manager and treasurer—Mr. Ha-old Wilson—cables me that we have made a very substantial profit over and above all our expenses. I look forward with considerable confidence to the future; and if we can only develop suitable bodies of ore in the National Belle Mine, I think we should be way ranted in the erection of another furnace, which would no doubt largely increase our profits. This is one of the reasons that makes me so anxious to push developments in that mine, for if we find high-grade ore at increased depth, we can find a ready market for it at Durango, and if we find low-grade, we can soon utilise it at Silverton.

The motion for the adoption of the report and accounts was then

The motion for the adoption of the report and accounts was then put and carried unanimously.

The retiring director—Mr. Darlington—was then re-elected, and the auditors having been reappointed, the proceedings terminated with a vote of thanks to the Chairman.

SIMMERS GOLD MINES, LIMITED.

A satisfactory account of the property.

The statutory meeting of the Simmers Gold Mines (Limited) was held on Tuesday, at Winchester House, Old Broad-street, E.C., Mr. STANLEY BANNING presiding.

The SECRETARY (Mr. H. Bacon) having read the notice convening

STANLEY BANNING presiding.

The SECRETARY (Mr. H. Bacon) having read the notice convening the meeting.

The CHAIRMAN said the company was registered on March 9 last, and as soon as possible afterwards the deeds for the transfer of the property were sent out, in order that the necessary steps might be taken to place the property in the possession of company. That had been duly effected, and Mr. Petersen and Mr. Treadwell, consulting engineers to the Yorkshire Gold Mining Company, had sent home reports as to the value of the property. Mr. Petersen said:—"The road from Barberton is almost level, so that goods can be conveyed from that place without any great expense. Thus, should the stations of the railway from Delagoa bay be there, transport would be easy, but, according to the last intimation, there is every probability of the line passing within a short distance of the mine, which would farther reduce the expense of transport. There are two main reefs on the property, which are about 400 feet from each other, running lengthwise through each block, besides which the whole of the ground is one network of reef and leaders, and if the work as advised by me is carried out, valuable discoveries will must probably be made. A pit has been sunk on reef No. 1 to a depth of about 10 feet. The reef here is about 4 feet 6 inches wide. I have tried the rock from the bottom of this pit, and obtained york good prespect, and am perfectly satisfied that both these main reefs are well working of further development." Then he said—"The facilities for working of further development."

THE RED, WHITE, AND BLUE GOLD MINING COMPANY, LIMITED.

High opinions as to the value of the property .-Development of the reef proceeding.

The first general (or statutory) meeting of the shareholders in the Red, White, and Blue Gold Mining Company (Limited) was held on Wednesday, at the offices, 54, Broad-street, the chair being occupied by Mr. F. A. THOMPSON.

The SECRETARY (Mr. Percival Tibbs) read the notice convening

by Mr. F. A. THOMPSON.

The SECRETARY (Mr. Percival Tibbs) read the notice convening the meeting.

The CHAIRMAN said: Gentlemen—This is the statutory meeting of the company, held in obedience to the Companies Act, under which we exist. The company was registered on March 7, 1895, with a nominal capital of £60,000—£15,000 of which are preference shares, having a preferential right to dividends of 30 per cent., after the payment of which all shares are to rank equally; the entire subscription of preference shares being available for working capital for the development and equipment of the mine, the vendor to the company delivering an unencumbered title to the property to the company, taking the entire purchase consideration in deferred shares. There was no public issue of the prospectus, as the preference share capital was subscribed privately by the directors and their friends. The property was originally acquired on behalf of the Sr. Kew Prospecting Syndicate (Limited), and by it prospected and sold to this company. This was a small syndicate, with only sufficient capital to acquire and prove the character and value of the property sofficient to warrant its organisation into a larger company for the purpose of developing, equipping, and, we trust, escessfully working the same upon a large and profitable basis. At the time of the organisation of the company the property consisted of four mining leases of 6 acres each, adjoining each other, and located upon the strike of the vein, and situated about 3½ miles north-west of Cae, in the Murchison gold fields, Western Australia. Immediately upon the subscription of the capital, we acquired, by location, 24 acres of additional ground, situated upon the dip and forming the deep levels on our reef, thus securing to the company every advantage possible, and also doubling the life of the property. The leases thus acquired, together with the original ones, will, in dee course, be surrendered under the provisions of the Mining Act and new ones apolied for, so located as to also doubling the life of the property. The leases thus acquired, together with the original ones, will, in dee course, be surrendered under the provisions of the Mining Act and naw ones apolied for, so located as to enable the labour conditions to be compiled with, and, at the same time, to concentrate the labour upon such portion of the company's property as will yield the earliest possible returns to the shareholders. At the time the company are formed and the property acquired from the vendor syndicate—as shown by the reports made thereon—most of the development work had been performed on lease No. 412, a main underlay shaft having been sonk 85 feet on the reef. At the bottom of this shaft a level had been driven north 33 feet along the hanging-wall, the reef being l-fr standing the whole distance. To test the value of the reef as thus exposed it was shot down in three different places, or every 10 feet from the sheft, and the stone was found to vary in size from 3 feet to 7 feet. Samples taken from this level gave returns equal to 2½ cances of gold per ton. The stone in the shaft, which showed an average size of 5 feet, returned on similar sampling 2 ounces of gold per ton. North of the main shaft a prospecting shaft had been suck 22 feet, which proved the reef to be at that point 6 feet wide and returning lounce 15 dwts, per ton on sampling. From this shaft north the reef was exposed for 70 yards by trenches, having an average size of 2 feet, and returning on sampling lounce 3 dwts, per ton. Three other shafts have been such to the south of the main underlay shaft, each of which had, at this time, proved the reef through the whole length of the claims, and exhaustive pannings, made from samples of ore taken from the outcrop of the reef, and from the workings upon the same described, show an average value of from 12 onnee to 12 ounce of gold per ton. On the adjining lease, N. 571, a shaft has been such to a depth of 123 feet on the underlay, the lower shaft has been made to prove the existence of the reef the quart from the bottom of this pix, and coverages were the control of the state of the property and the quart from the bottom of this pix, and obtained good prospect, read the quart from the bottom of this pix, and obtained good prospect, read the quart from the bottom of this pix, and obtained good prospect, read the quart from the bottom of this pix, and obtained good prospect, read the quart from the bottom of this pix, and obtained good prospect, read the quart from the bottom of this pix, and the prospect of the third property are almost exceptions. The prospect are almost exceptions of the prospect of the

as 26 ounces per ton. Mr. Bayne, who is a mining engineer of excellent standing, having had some years of practical experience in Bendigo and other Australian mining centres, has become the general manager of the company, at a reasonable cash salary, together with an interest in the profits to be made by him upon the working of the property, he being thoroughly satisfied as to his ability to make the property a profitable and dividend-paying one, and to prove in a practical manner the truth of his statements regarding it. We have placed an order for machinery, the plans and specifications of which were very carefully prepared by Mr. Bayne, and this order is now nearly completed, ready for shipment, cable advices from him saying it will be shipped on the 14th inst. It consists of a complete hauling and pumping plant, and a 30 head stamp battery, with concentrating machinery, and your directors have every confidence that as soon as this can be properly erected, the development will be sufficiently advanced to enable its continued operation, and that the result of such crushing will be perfectly satisfactory to the shareholders. These, gentlemen, are the facts regarding your property as they come to us as your directors. We hope to have regular information for you monthly as the work progresses, and we will keep you posted either by circular, or by publishing an epitome of our reports from time to time in the financial and mining papers as the same may be received.

Colonel CAPEL enquired when the machinery was likely to be in

working order.

The CHAIRMAN replied that about five months would elapse before its erection was wholly completed. Meanwhile the management were proceeding with the work of developing the reef, and since the report was writen the shaft had been extended from a depth of 85 feet down to the 100 feet level, at which point the ore

vas equally good.

A vote of thanks to the Chairman, proposed by Colonel CAPEL, econded by Mr. H. W. St. QUINTIN, and carried unanimously, concluded the proceedings.

THE NEW GUSTON COMPANY, LIMITED.

Satisfactory results of the Silverton smelter.

The eighth ordinary general meeting of the shareholders in the New Guston Company (Limited) was held on Teesday, at Winchester House, the chair being occupied by Mr. THOS. PHILLPOTTS. The SECRETARY (Mr. Bedford McNeill) read the notice convening

House, the chair being occupied by Mr. Thos. Phillipotts.

The Secretary (Mr. Bedford McNeill) read the notice convening the meeting.

The Chairman said: Gentlemen—Assuming that it is your wish that the report be taken as read, I will at once pass to the consideration of one or two matters in the accounts. You will have noticed that the balance of revenue carried forward from 1893 amounted to £1794 184. 84., and that the profit made dering the year 1894 was £6794 34. 44., making a total of £8589 24., which has been dealt with as follows:—We have carried to reserve account (since invested in the Silverton Smelting Company) £6000. We have repaid to capital by writing off to mines, buildings, plant, and machinery £2000, and have carried forward to 1895 the balance—viz., £589 24.—£8589 24. On December 31, 1893, the balance—eviz., £589 24.—£8589 24. On December 31, 1894, there was carried from revenue account £6000; so that on December 31, 1894, there stood to the credit of our reserve account £14,934 73. 4d. On December 31, 1894, there acount £14,934 73. 4d.; making a total of £24,832 1s. 7d. This figure represents our entire resources, and is distributed as follows:—Invested in the Silverton smelter, £4008 74.; loan on securities, £8350; stores and materials in stock, £1643 122. 11d.; ore shipped, but not then paid for, £14,640 194. 3d.; cash in hand, £825 84. 5d.; sundry debtors, £80 04. 5d., making £29,575 8s.; deduct liabilities at that date, £4743 6s. 5d.; total, £24,832 1s. 7d. With regard to the value of the ore and the mine cost, you will have noticed that the average mine cost per ton of ore was reduced to £1 194, as against £3 11s. 2d. for the previous year. This may be accounted for in a great measure by the increased number of tons of ore raised and shipped, which is 1893 was 7280, and during the year 1894, 13,334, or an increase of 6054 tons. It is true that the decrease in the sale value per ton during the year 1894 was 82s. 2d., bet insamuch as the mine cost was diminished by 324. 2d. per ton, the di

company, to assist in promoting the erection and working of a smeiter nearer home. The Silverton Smeiting and Mining Company was formed for the erection of an Austin smeiter at Silverton, and for the purchases of ores and necessary fluxes. These works are only 15 miles from our mines, and we have at hand a market for our ores, and not to be dependent, as heretofore, on the more distant smeiting companies at Durango and Denver. The company promises to be a success, so that we may hose to make a reasonable profit for the amount we have invested in this smeiter, in addition to the ordinary profit we may obtain from a visit to the mines and smeiter, and he will give you some interesting information connected therewith. I will, therefore, now conclude by moving "That the report of the directors and the accounts to December 31, 1894, as presented, be now received and adopted."

Mr. F. CROWTHER, in seconding the resolution, said: Gentlemen—There are a few points of interest upon which I will tend to aid you in grasping the situation. Before doing so, allow me to refer to the forecast of profits that I made on the occasion of our last annual meeting, for I am fully aware of the fact that they have fallen short by a considerable sum of the \$15,000 per month I then ventured to forecast. The first cause that helped to reduce the estimated profits was that we had a very early winter, the rail road virtually closed for the season six weeks earlier than usual, thus reducing our output by some 2500 to 3000 tons of ore; the second cause was that during the month of October we were prevented from shipping any ore to the Silverton smelter because they had no room to store it, all available bin capacity being filled they had no room to store it, all available bin capacity being filled they had no room to store it, all available bin capacity being filled

was published, gives you the state of affairs up to the time I left the mine, and Captain Harvey cables under date of July I—" The mine is looking well throughout; we have shipped during June 2335 tons of ore." So the mine is in good shape, has large reserves of ore, as near as can be estimated, including the ore between 11 and 12 levels, 0,000 to 35,000 tons, and this year we figure on shipping about 2000 ons per menth. It will probably run in about the same proportion of first, second, and third-class as last year—the total quantity will be governed by the length of the shipping season, he contracts I have made show the following savings per ton over ast year:—first-class, or psacock ore, fully \$15 per ton; second-lass, or yellow copper, \$4:20 per ton. Captain Harvey is of opinion that he can ship this extra tennage with but little extra expense. The price of sliver is ruling somewhat higher than last year, and from all I can gather is likely to rule by gher throughout the season; if it does, this will materially improve our monthly profits, our outif it does, this will materially improve our monthly profits, our out-put of silver being about 30,000 conces per month. Taking all hese circum tances into consideration, we may reasonably expect to make a considerable a ldition to our net revenue account in 1895. to make a considerable addition to our net revenue account in 1895. As regards developments, we are pushing them forward with all speed. We have the shaft down to the 13 h level, and are now driving our crosscot to the ore break as rapidly as possible; it should reach the break inside five weeks from this date. It is necessary to keep our development work well ahead of our requirements, on account of our having to keep our Silverton smelter constantly supplied with large quantities of ore. With such ore bodies as we have had from No. 9 level downwards, we require to put in two new levels each year, to keep up an output of 16,000 to 18,000 tons par annum. At the annual meeting of the smelter, the accounts for the period commencing June 8, 1894 to May 31 last were presented. output of 16,000 to 18,000 tons per annum. At the annual meeting of the smelter, the accounts for the period commencing June 8, 1894 to May 31 last were presented, and we found that the earnings just about balanced the expenditure. Up to November 25 we worked the with hot-blast. The reason for this was that we found our hotair stove, as originally planned, was far too small; we, therefore, increased the size by one-third. We still found it too small, so we again increased the area of it, and started up with our new stove on November 25, since which time our work has proved most satisfactory. The time occupied in smelting with cold air must not be taken into consideration. So far as judging results is concerned. ractory. The time occupied in smeating with cold air must not be taken into consideration. So far as judging results is concerned, with cold air we found that the furnace smelted 25 tons per day less ore than with hot, whilst it required 11 per cent, more coke. Our concentration of copper was affected materially, our marterian on only from 36 to 41 per cent, of copper. These items materially affected our carnings, and we did well to come out of our experimental stage with no loss. We are now ranning in a most satisfactory manner. During 17 days in May was smalled 2003 of the tents. fory manner. During 17 days in May we smelted 2050 dry tons, if daying June we have smelted 3250 tons, and our profits are ite satisfactory. If we can keep running steadily we shall do and daing June we have surfied 3200 tons, and our profits are quite satisfactory. If we can keep running steadily we shall do exceedingly well; this entirely depends on our being able to porchase a full supply of quarts ores; the quantity of these is undoubtedly increasing. We have already contracted for a considerable quantity each month, and can look firward with some degree of confidence to an increasing supply. The low rates of treatment we are able to give will permit of mines producing these ores being worked profitably, whereas up to the time of our advent as smalters such weap the case. Until the volume of quarts over increase. confidence to an increasing supply. The low rates of treatment we are able to give will permit of mines producing these cres being worked profitably, whereas up to the time of oer advent as smelters such was not the case. Until the volcine of quarts ores increases materially, it will not be wise or prudest to erect a second furnace, nor is there the necessity for it, now that we find that we can reduce about 3300 tons per month with our present plant, given the supply of quarts ores that we require to keep us going full time. In 40 or 50 days we can double our plant when we see our way to the supply of the necessary ores. In my opinion it will take the Guston Mine all her time to keep one ferrace running all the year, for, given the ore, it is as near a certainty as anything can be that we can run the smelter all the year round, even at the altitude of 9700 feet above see level. During my stay at Silverron this year I had the opportunity of watching the plant in operation, and I was greatly pleased with the rapidity and simplicity of the whole thing, and the excellent results obtained. Our metallurgist, Mr. Henry, is an exceeding careful, watchful, and capable man, and his work throughout is excellent. Mr. Harold Wilson, the resident managing director, is one who is long and favourably known to us, and is doing his tart, in every sense of the word, satisfacterily; both of them have their heart thoroughly in their work, and are bent upon making it a thorough success. We have a good staff of honest, capable men, who are all doing their very best in our interests. The ma'te we are now producing is running from 5 to 6 cunces of gold, 180 to 210 cunces of silver, and from 45 to 47 per cent. of copper per ton. This we sell to the Philadelphia Smelting and Refining Company at Pueblo, I am glad to say that I have made a contract with them for three years upon a basis that will not us fully \$18 per ton more than last year's contract, and as we produce some 230 tons per month, they would be apparent to you all when I tel

without stating that great credit is due to Captain Harvey, and, in a lesser degree, to the staff, for the excellent condition of the mine and all the plant and buildings.

The motion for the adoption of the report and accounts was then put, and carried unanimously.

On the motion of the CHAIRMAN, the retiring directors, Messrs. F. P. Crowther and Dyson Weston, were re-elected, and the auditors, Messrs. Monkhouse, Goddard and Co., having been re appointed, the proceedings terminated with a vote of thanks to the Chairman.

COAL IN TURKEY.—The working of coal in Turkey-in-Asia is now a 'tracting some attention. At Heraciea, as well as in other districts, coal of a quality nearly equal to English, has been found. The coal is met with near the surface, the depth of the beds not exceeding 10 feet to 15 feet. Coal has been found at Kozlow, a village on the abores of the Black Ses. Several Constantinople manufacturers are using this coal, and they speak favourably of it. Constantinople is at present importing 400,000 tons of foreign coal annually; this coal is almost exclusively English. Salonica consumes 85,000 tons, and Smyrna 60,000 tons every year. The English imes 85,000 tons, and Smyrna 60,000 tons every year. The English cal used in Turkey is obtained principally from Cardiff. Belgian riquettes are beginning to obtain a footing upon Turkish markets. but not to any great extent.

PROBABLE EXTENSION OF THE SOUTH STAFFORDSHIRE COAL PROBABLE EXTENSION OF THE SOUTH STAFFORDSHIRE COAL FIELD.—It has long been thought by geological experts that valuable coal measures underlie Penn Common, near Wolverhampton. The nearest coal pits at present are at Rough Hills, a distance of 3 miles eastward, and at Himley, a distance of 9 miles to the south, Early in the present year Mr. J. Lakip, of Penn, opened a gravel pit on Penn Common, and found valuable beds of clay and mark. The mark bed affords indications that it overlies a coal measure, and sinking coverations have already have commenced which have and sinking operations have already been commenced which have reached the depth of 15 yards. If the experts are right in their conjectures, coal will be reached at the depth of 50 yards, and this would prove the existence of coal under a large area between the present proved coal-fields of South Stafferdshire and Shropshire.

Owing to the number of oil-engines in use at Goolgardic, kerosine has gone up to 36s. per case.

THE BONNIE DUNDEE GOLD MINES, LIMITED.

Interim dividends in prospect.-Stoping to be commenced shortly.

The ordinary general meeting of the shareholders in the Bonnie Dundee Gold Mines (Limited), was held on Thursday, at the Cannon-street Hotel, the chair being occupied by Mr. GEORGE HOPEINS, C.E.

The SECRETARY (Mr. Thomas Winder) read the notice con

rening the meeting.
The CHAIBMAN said: Gentlemen—It will be within the recol The CHALEMAN said: Gentlemen—It will be within the recollection of the shareholders that when the company was reconstructed a little over two years ago, one of the principal objects was to provide funds for sinking what is known as the No. 3 shaft. From the report of our surveyor, and from the knowledge that in the adjoining properties several rich veins of quartz were trending towards our property, it was scarcely a matter of speculation that if that shaft were put down to a proper depth, some or all of those veins would be cut somewhere shout the denths mentioned by the surveyor. Of course he had about the depths mentioned by the surveyor. Of course, he had very few data, and I think the result does him great credit, very few data, and I think the result does him great credit, for having estimated so approximately the depth at which some of those veins were actually cut. Whilst I am on that question I will say that the sinking reflects very great credit on our manager and officers at the mines. I am not sure that it is not almost a record of rapid work in the Chartera Towers district. During the year 1894, 754 feet were sunk—that is, an average of 63 feet a month, which is very good work indeed, especially when you bear in mind that for considerable lengths the ground was very bad and had to be heavily timbered, which of course delayed the sioking. Again, I think the actual cost must be considered satisfactory, as it was under £10 per foot—actually £9 14s. 6d. If I remember rightly, we estimated that the cost would be nearer £12. factory, as it was under £10 per foot—actually £9 14s. 6d. If I remember rightly, we estimated that the cost would be nearer £12 per foot, especially in the lower levels. Now, after passing through what is supposed to be the Queen Cross reef, at a depth of 600 feet, we struck, on January 4 this year, the Victory reef. Previously to that, at a depth of 1050 feet, we struck a reef with a formation 9 feet wide, which Mr. Plant believes to be the upper Victory formation. At a depth of 1000 feet we struck the Victory Reef itself, 2 feet thick, in a formation 5 feet wide. I daressy some of you think that, since that reef was struck in January, we have been rather slow in getting to where we are; but you will bear this in mind—that large works have to be done where a vertical shaft inactions with the incline. In in January, we have been rather slow in getting to where we are; but you will bear this in mind—that large works have to be done where a vertical shaft junctions with the incline. In order to get an easy run for the trucks a good deal of ground has to be cut away, and easy curves made, and there are many other things which take a considerable time. As you will see by our report, levels have now be en run both north and south on the reef, at, I think, a depth of 70 feet below where we struck it. Levels have been run 78 feet in one direction and 85 feet in the other, so that we have at the present moment a length of backs of 180 feet, of a probable height of from 70 feet to 100 feet, send we expect averaging 2 feet in width. You will see by this that we have a considerable quantity of ore in sight which ought, and no doubt will, average from 14 to 2 cunces per ton, because where we struck the reef it gave folly 2 cunces, and the last crushing, which has come in since the date of our report, gave 148 cunces for 131 tons. Therefore, the whole of those backs may reasonably be expected to produce gold varying from 14 to 2 cunces to the ton. Now, as regards mining, not much has been done in other directions, because, as we explained to the shareholders when they consented to reconstruction, we felt bound, in the first instance, to spend our money on putting down this new shift, which is a large shift in four compartments, so that stoping and working can be carried on at the same time as sinking. It is Mr. Plant's intention very shortly to continue sinking this shaft, because we expect at no very great depth to cut what may be called the now famous Brilliant reef. When we out the Victory reef there was great rejoining at Charters Towers in all the mines adjoining, because that fact very much improved the prospects of all those mines whose owners were expecting, but were not sure, that they had the same reef. Our finding it in advance of where it was anticipated assured them than they would also get the reef on their pr be done where a vertical shaft junctions with the incline. In order to get an easy run for the trucks a good deal of ground

Mr. JOHN McDONALD, in seconding the motion, said that the first reef cut in the course of working was at 600 feet, being the Queen Cross reef. That had been worked in a great many of the adjoining properties, notably in the Queen Cross Mine, and in the New Queen ground, with the result of giving very satisfactory dividends to both companies. When they struck that reef it was not desirable to open out on it and work it; it was considered advisable in the interests of the company to continue sinking the struckt sheet putil they cut other reself. continue sinking the straight shaft until they cut other reefs continue sinking the straight soate until they cut other reefs at a greater depth. This had been done, but it was the intention of the management to open out on the Queen Cross Reef as soon as can be. It was not possible to open out on more than one reef at a time from one shaft. If they got well in advance with the opening out of the reef at present being worked, the Queen Cross reef would no doubt then be opened out upon, and probably with good results. The next formation cut was at 1000 feet, being 9 feet wide and well defined. It contained a few strings of quarts, but nothing payable, but that in itself was no proof that the reef or lode when opened out would not contain payable quarts, and even in large quantities. On the contrary, there was good reason to suppose that it would prove payable, because very large quantities of stone had been taken from that same reef in the Victory ground, and also in the New Queen, which was highly payable in both places. The reef would also be opened upon, but whether direct from the straight shafs, or by means of crossouts from the underlie shaft which had been sunk from the 1000 feet level, he was unable at present to say. The underlie shaft sunk from the reef cut at 1000 feet,

was down 50 feet when Mr. Plant's report was written; and in a cablegram sent over six weeks or a month ago, that gentleman stated that while the roef existed in both levels, there was no stone in the underlie shaft. He (the speaker), however, would point out that the underlie shaft in itself was only a very small portion of the ground through which it passed, and a reef might be within a few feet of it on either side; and even if the shaft itself contained no reef, it was a matter of very little importance, provided that the reef existed on both sides of it. But in this case the reef was expected to be found in the underlie shaft with further sinking. The managing director considered it had simply been thrown to one side temporarily by a fault, and that in further sinking it would be caught up again. At the bottom of the straight shaft, which was down 1150 feet, the managing director stated that the ground looked very promising for another reef, and he expected that after further sinking he would get another reef, but whether it would be the Brilliantor not, it was impossible to say. In respect to the Brilliant itself there was now very little doubt that that would be cut by sinking the straight shaft a further distance of 100 or 150 feet. (Applause.) The Brilliant reef was one of the principal reefs in Charters Towers, and he thought it might be looked upon as equal to the Day Dawn, if, indeed it did not surpass it. It had been proved payable in the Brilliant Block, the Brilliant, and the Brilliant St. George Mines, and it was satisfactory to know that the reef being worked in those mines trended directly towards the Bonnie Dundee, and must pass through it un'esf it cut out entirely, and that had not yet been known of any reef in Charters Towers. They might thus conclude that they had the Brilliant reef extending throughout their property, which was nearly 33 was down 50 feet when Mr. Plant's report was written; and in the Bonnie Dundee, and must pass through it unless it cut out entirely, and that had not yet been known of any reef in Charters Towers. They might thus conclude that they had the Brilliant reef extending throughout their property, which was nearly 33 acres in extent, and larger than most of the other properties in the vicinity. With regard to the workings in the old shaft, a somewhat important tribute had been let in the old ground. somewhat important tribute had been let in the old ground. It was considered that the ground was worked out, but some tributors who had the courage to try it again had found good atone which would probably rise up to the surface, and the tribute percentage upon which would be of some advantage to the company. With regard to the mill, he might mention that they had had a very good offer from the Brilliant Block Company to purchase it, from which mine this company had been crushing stone for more than a year past. The price offered was £20,000, but when they considered that they only paid £12,000 originally for the mill, and had spent some £5000 in the erection of new machinery, while about £20,000 profit had been made since they bought the mill, it would be admitted that it had been a very bought the mill, it would be admitted that it had been a very good venture for the company. (Hear, hear.) In the opinion of the directors the mill was worth a great deal more than £20,000, and they, therefore, did not entertain the offer. (Hear,

hear.)
A SHAREHOLDER enquired whether there was any prospect of an interim dividend before they next met.
The CHAIRMAN replied that the directors would be bitterly disappointed if they were unable to make such a distribution.
Mr. Ross Rusinson confirmed Mr. McDonald's remarks as to the prospects of the mine, with which he was well acquainted, as the write the manager when the was such as a serie exercises.

the prospects of the mine, with which he was well acquainted, as also with the manager, upon whom he was sure every reliance could be placed. No reference, however, had been made to the probability of striking the Victoria reef. In the adjoining property, in which he was very much interested, they were expecting daily to cut the Victoria reef.

The Charman remarked that the reason nothing had been adjusted the Victoria reef was that the reason nothing had been the victoria reef was that the reason nothing had been the victoria reef was that the reason nothing had been the victoria reef was that the reason nothing had been the victoria reef was that the reason nothing had been the victoria reef was that the reason nothing had been the victoria reef was that the reason nothing had been the victoria reef was the victoria reef.

The CHAIRMAN remarked that the reason nothing had been said about the Victoria reef was that the reports from the mine had contained no information with regard to it as yet.

The resolution was then put, and carried; and it was further resolved:—"That out of the sum of £890 12s 8d. standing to the credit of revenue on December 31 last, the directors are authorised to pay the interest on the preference shares for the year 1895, as and when the same becomes due."

Mr. George Hopkins was unanimously re-elected Chairman of the company, and congratulated on his recovery from his recent serious illness.

Messrs. Monkhouse, Goddard, and Co., the auditors, were also reappointed, and cordial votes of thanks to the Chairman and directors, and Mr. Plant, Mr. Jowett, and the staff at the mines, terminated the meeting.

PIGG'S PEAK DEVELOPMENT COMPANY.

The company on a much better foundation. - The reconstruction highly successful,

The annual general meeting of the shareholders of the Pigg's Peak Development Company (Limited) was held on Thursday, at the Cannon-street Hotel, Mr. G. T. RAIT (the Chairman of the com-

presiding. BURETARY (Mr. H. L. Clapham) read the notice convening

pany) presiding.

The ECRETARY (Mr. E. L. Clapham) read the notice convening the meeting.

The CHAIRMAN said: A little more than a year has elapsed since I last met you. During that time the reconstruction of the company has been seccessfully carried out, and I venture to say it has been unique in its success. (Hear, bear.) On that last eccasion your creditors were unpaid, your debenture-holders held a prior charge upon the property, and the shares were worth nothing. Since then the creditors have been paid in full, with interest, the debenture-holders have been satisfied to the last shilling, and the £I fully-paid shares have been satisfied to the last shilling, and the £I fully-paid shares have been satisfied to the last shilling, and the £I fully-paid shares have been selling at 5a, premium. That is the results of ar, and you may fairly ask how it has been done. I might answer the question by saying that it is mainly owing to the fact that the shareholders have given us their confidence and support. If it had not been for that, such a result would have been absolutely impossible. A faw of the shareholders—avery few, comparatively—did not come into the reconstruction, I regret it, for their own sakes, because I am sorry that anyone should lose his money. But we have to deal with the shareholders are, on the whole, exceedingly good, (Hear, hear.) Now as to the report. You will all know that the selection of a mining engineer, who has to deal with the property on the spot, is, perhaps, the most important question of all. We have to deal here with financial matters as well as we can, but at the mine itself all depends upon having a good manager. I think, then, we may congratulate ourselves; upon baving regard to the stability of his position—that he has lately been married, and that his wife will in fatere reside at Pigg's Peak. It is always a goot thing for a manager of a mine to decide to live at the property. (Hear, hear.) Next, though we have the utmost confidence in Mr. Dicey as manager, we felt that in mat

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JULY 6, 1895 ences in character. The ore from the western chute is pyritic and refractory, containing only a small percentage of free gold, and has a tendency to decrease in richness in depth. The eastern chute is richest in the lowest workings, and the gold is particularly free and high grade. The majority of the work has been conducted in the sandstone, in the belief that this was the gold-bearing medium, and it was not until systematic assays were made that the chute in the quartzite was discovered." Then the latest information which we have received is in a report dated June 29 from Mr. Dicey, who says:—"I have decided to throw both the Pigg's Peak and Havelock concessions open to prospectors to dig for alluvial or reef gold. A copy agreement, under which they are engaged is attached. I understand Mr. Pigg" (the original concessionnaire, from whom the property takes its name) "has again struck a very rich pocket on his concession, the gold being contained in steatite or scapstone. This, I consider, opens enormous possibilities on our concessione, as hitherto the gold has only been sought in quartz, quartzite, and sandstone. I propose to limit the number of prospectors to 10 on both properties." I think it is a wise proceeding on the part of the manager to direct prospectors to that part of the property. The agreement with the prospectors is on the table, but I do not propose now to go into it. It is the ordinary agreement, and I will only say that we hope before long to have some important discoveries. There is every reason to think that will be the case. Another most important matter is how are we going to work the Pigg's Peak ore? From a paragraph in the report you will see that we have been considering different tenders for bringing the power by electricity from the falls to Piggs Peak. A contract for that work will be sent over in a few days. At Pigg's Peak it seems as if we could only get the power in that way from the immense waterfall that we have. In the Barberton district we shall be able, in the near future, t can there be independent of electricity; but at Figg's Peak we cannot expect that for some time, from the mount-sinous nature of the country, and we shall be dependent on other means for getting power. We have therefore decided, as I have said, to get it from the waterfalls, where a turbine has been erected that will develop 200 horse-power. I will now pass on to the Havelock Mines. We have arranged for an option over that property. There is another year of that option to run, and, for obvious reasons, I do not wish at this time to declare our policy. It is a commercial transaction and I will apply some the commercial transaction. at this time to declare our policy. It is a commercial transaction, and I will only say that at some future date I will tell you whether we have exercised the option or not. We shall not exercise and I will only say that as some future date I will tell you whether we have exercised the option or not. We shall not exercise the option unless we consider that we are getting a good thing. We shall not commit you any further. If we do not exercise the option it will lapse, and there will be nothing further done; if we do exercise it, the terms are already settled. The report next refers to the visit paid to the property by Mr. Whitehead in 1894. Mr. Whitehead is here, and will tell you all about the result of that visit. Mr. Whitehead secured 200 claims in the Barberton district on the Oratava reef, the eastern portion being called the Eagle's Nest Mine and the western portion the Crow's Nest Mine, there being 100 claims on each portion, It is, perhaps, nor prudent for me to tell you the purchase price; but it is very small compared with what we expect to get for the property. We expect og et for the Pigg's Peak Company cash and shares to the amount of £30,000 for this new property. The negotiations are now in the hards of the board, and you may take it that before long you will have this proposal submitted to you, and your interests will be felly conserved. The Pigg's Peak Company will have £30,000 in cash or shares, these shares being in a new company with a capital of have this proposal submitted to you, and your interests will be folly conserved. The Pigg's Peak Company will have £30,000 in cash or shares, these shares being in a new company with a capital of £70,000, and they will be offered to you absolutely. I believe this will be an exceedingly good thing; for—I do not know if my colleagues will approve of my stating the price at which the company gets the property, but it is £1500. (Applause) You can calculate for yourselves what the profit is. I will now turn to the balance-sheet. I think the accounts are as clear as they possibly can be. The calls, I may say, have been paid remarkably well, and there is very little, if anything, in the shape of arrears. Some, indeed, have been paid in advance. The bills payable, £2000, have been mostly worked off; there is £541 due to sundry oreditors, and, lastly, there is the item of £2725 payable to creditors of the old company. Of this, £1000 is to be eastisfed by fully-paid shares. That item represents the old directors' fees, and as I have told you before, we have always refused to pay this item in anything bet shares. Though we were threatened wish several actions we remained firm, and now that the shares have gone to a premium, perhaps the old directors will be antisfied, (Laughter.) The directors' fees stand at sil. On that point we have already said that we shall be quite satisfied with whatever you vote us. We adhere to [that sill, and it is for you to deal with the question as you please. The question may be asked, how much have we in head? Speaking roughly, we have £30,000 in hand, assuming that the calls will be paid, as no doubt they will, and we have in reserve 4292 fully-paid shares, which remain in the hands of the company to be dealt with. I will conclude by moving:—"That the report and accounts, as submitted, be received and adopted."

Mr. S. BOULNOTS -coonded the motion.

Mr. WHITEHEAD, in the course of a detailed account of his visit

Mr. S. BOULNOIS -econded the motion.

Mr. WHITEHEAD, in the course of a detailed account of his visit Mr. WHITEHEAD, in the course of a detailed account of his visit to the property, said that he went out last year chiefly on account of his health; but, also, he had made up his mind to wind up all matters relating to mining, and leave it altogether. However, his journey did him good, so far as his health was concerned, and instead of winding up his mining affairs, he had plunged deeper into them than ever. (Laughter and applause.) He went on to say that it had been decided that it was very necessary that the company should acquire some additional properties, and he had spent a good deal of time in the investigation of a number of properties in the vicinity of Pigg's Peak, with a view to finding something good. He believed he had found one in the Eagle's Nest Mine, on the Crow's Nest Mine, on the same reef, on the other side of the Oratava (Jamieson's) Mine. As showing what confidence be, himself, had in the property, he might say that he had purchased seven-eighths of the Oratava Mine (Jamieson's) at a price of £9000, and he believed that the properties to the east and west of that mine—the Eagle's Nest and the Crow's Nest—would give as good returns as the Oratava itself. His calculation was that, even at the returns as the Oratava itself. His calculation was that, even at the low yield of 10 dwis, to the ton, the mines could be worked to give a net profit of 10, per ton, while there was a good probability that

a net profit of 10°, per ton, while there was a good probability that the profit might reach 20°, per ton.

The meeting being thrown open for discussion,

Mr. Verex asked if there was any prospect of the Pigg's Peak property itself yielding any profit.

The Chairman replied that this was a very pertinent question. The policy of the directors certainly was to work the Pigg's Peak property. They had had several assays of the ore made, and the average result showed 19 dwts. and some odd gwains to the ton. On the economical treatment of that ore, therefore, it all depended whether a profit could or could not be made. They must get the contract for the supply of electrical power on as advantageous terms as possible. The manager said that there was sufficient ore to keep as possible. The manager said that there was sufficient ore to keep as possible. The manager said that there was sufficient ore to keep a 30-stamp mill running for three years, and that the total working expenses ought not to expeed 7s. per ton. The mill would certainly crush 2000 tens of ore per month, producing 500 cunces, and that showed an approximate profit of £1000 a month. That, of course, was the manager's statement, and he gave it to them as such.

The CHAIRMAN, in reply to other questions, said that the shares in the new company would be offered to the shareholders at par.

The resolution for the adoption of the report was then put and carried enanimously.

Carried unanimously.

On the motion of Dr. Lister, seconded by Mr. Verby, Mr. G. T.

On the motion of Dr. Liever, seconded of Mr. versex, Mr. G. 1.

Rait and Mr. S. Boulnois were re-elected directors,
Mr. S. S. Kennedy was reappointed auditor.

A resolution having been carried placing £1000 at the disposal of the directors in payment of their services, the proceedings concluded.

A CRUSHING of stone from the Crow Mountain field, Gunnedah, yielded at the rate of 57 ounces to the ton.

NINE REEFS GOLD MINING COMPANY, LIMITED.

An exceptionally successful reconstruction.—The shares at a premium.

The first ordinary (or statutory) general meeting of the shareholders this reconstructed company was held on Thursday at the offices, Queen-street-place, the chair being occupied by Captain

The SECRETARY (Mr. John Garland) read the notice convening

The SECRETARY (Mr. John Garland) read the notice convening the meeting.

The CHAIRMAN said: Gentlemen—As you all are aware, this is a statutory meeting, summoned by Act of Parliament within four months of the registration of a new company, and you are also, no doubt, aware that there is no ordinary business before the meeting, no report and accounts to be presented, and no vote to be taken. At some statutory meetings there is a great deal to be said to the shareholders, but that applies to new companies who appear, so to speak, newly-born upon the scene. The statutory meeting is then full of interest, and the shareholders are, no doubt, eager to hear what developments have taken place since they put their money into the company. In the case, however, of a company like this, which is a reconstruction, the same interest, perhaps, hardly attaches. Nominally, no doubt, this is a new company, but it has simply been created a new company to satisfy the construction put upon the Acts of Parliament by our judges, who have decided that it is impossible to issue shares at a discount, and, therefore, the only way to save companies from rain is to reconstruct them, winding up the old company at great expense and trouble and starting a new one. Meanwhile, however, the continuity of the company has been preserved. The management in London has been the same, and the reports have been published with the same regularity every fortnight; so that you are in a position to know almost as much as the board themselves, and there is very little of been the same, and the reports have been published with the same regularity every fortnight; so that you are in a position to know almost as much as the board themselves, and there is very little of special interest that I can tell you as regards the operations in India. With reference to the reconstruction it may interest you to learn that it was a very great success—in fact, I may say an unprecedented success, considering the time at which it took place. Under the scheme of reorganisation the shareholders were entitled to apply for 249-993 shares of the nominal value of 5. per share—that is, of course, the 250,000 shares, less the seven subscribers to the Memorandum and Articles of Association, these shares being created with 2s. 6d. paid up. Applications were received for 415,764 shares, or almost 50 per cent, more than the shares we had to allot, and of these shares 67,693 were applied for at a premium. I think, therefore, the facts bear me out when I state that the reconstruction has been a marked success. The shares are now left with 2s, to call. Two fore, the facts bear me out when I state that the reconstruction has been a marked success. The shares are now left with 2s, to call. Two calls of 3d, each have been made out of the 2s, 6d, and there still remains 2s, to be called, which means that the company has got a very fair sum in hand, and uncalled capital amounting to £25,000, a very large stock of machinery, houses, and complete equipment; and moreover, we are steadily getting a considerable amount of gold, which helps us in our finances. For instance, since December up to May we have received rather more than £4000 in gold from the mine, which, although of course not enough to show a profit, has been of very considerable aid in prolonging the capital account of the company, and saving the shareholders from rapid calls. This, Gentlemen, I think, concludes all I have to ay, but I shall be happy to answer any questions shareholders may wish to put, and Mr. John Taylor will also be glad to give you any information you may wish for concerning your mine.

for concerning your mine.

Mr. Morrison enquired what amount was realised by premiums on the share; also the number of stamps at the mill.

on the share; also the number of stamps at the mill.

The CHAIRMAN said the premiums amounted to £324, but that
was a matter for the liquidator of the old comeany, as the share—
holders of the present company were not benefited. They had 20
heads of stamps at work. The mill was an old one, but was in perfect

order, as, in fact, was all the machinery.

Mr. GILBERT ELLIOT enquired whether the mill would work $1\frac{1}{2}$

on per head per day.

The CHAIRMAN: I should think 2 tons.

Mr. ELLIOT: It is working now, I take it?

The CHAIRMAN: Ob, yes.

A SHAREHOLDER asked Mr. John Taylor for some account as to

The CHAIRMAN: Ob, yes.
A SHAREHOLDER asked Mr. John Taylor for some account as to the company's prospects,
Mr. TAYLOR said very full information was given at the last annual general meeting as to all the workings at the company's mines, and the circular which was issued by the directors on February 11 clearly set forth the programme of the work which it was proposed to take in hand. In pursuance of that programme the south shaft was being sunk on the Champion reef, and the No. I shaft, on what was called the McTaygart lade, was being proceeded with, but neither of them had reached a sufficient depth to prove the value of the reefs. The work was being actively pushed on at those points, and with the more efficient machiners, should go forward with greater rapidity. He hoped that before long they would be in receipt of good news from each of those points. As far as reopening the Oriental reef—that formerly called the Malleson reef—was concerned, that was a highly interesting enterprise, and they had quite recently received from Captain Pryor a full statement of the manner in which he proposed to take that work in band. All the necessary machinery for the reworking of that mine had been provided, and there was a very general opinion on the part of all who had studied what took place in the former working of the mine, and at the same time had a knowledge of the altered condition under which it was now conducted on the Colar Field, that the prospect of opening-up the mine there was an exceedingly good one. (Hear, hear.)

Mr. Morrison: Have you ever had in contemplation the use of the cyanide process?

Mr. Taylor said that as to adopting that process much must

Mr. MORRISON: Have you ever had in contemplation the use of the cyanide process?

Mr. TAYLOR said that as to adopting that process much must depend upon the class of ore they found in the Malleson lode. If they found it refractory, very likely they would employ the cyanide process, but they must wait and see.

Mr. ELLIOT said the success of that process affected all who were interested in Indian mines, and he should like to know the result of the Mysore Company's experiments with it.

Mr. TAYLOR said the experiments might in a great measure be considered satisfactory. The main question with regard to the cyanide process was the fineness or coarseness of the stuff that had to be dealt with. In the case of the Mysore Company he thought he might say the process as regar's dealing with the fine stuff was a success, but it had been found in the ordinary milling of the ore, as conducted on the Colar Field, that a considerable proportion, after it had passed through the mill, was still so coarse that the cyanide process was not a success. The question was being very carefully gone into, not only by their agents out there, who now had an intelligent knowledge of the process, but also by first-rate men of the MoArthur-Forrest Company, who were on the field. The atmost was being done to make it a success, but as present he could only registed in regard to the field and an analyse.

men of the McArthur-Forrest Company, who were on the field. The utmost was being done to make it a success, but at present he could only point to it as a success in regard to the fine pulp.

The CHAIRMAN added that there was one matter he would wish to refer to, which he did with great regret. Their able mine manager, Captain Woolcock, came home on furlough and died very shortly after his arrival, having taken a chill, it was believed, while crossing the Bay of Biscay. He was a most hard-working, conscientious and reliable officer and his less was many dealers of Captain. arter his arrival, having taken a only, it was believed, while crossing the Bay of Biscay. He was a most hard-working, conscientious and reliable officer, and his loss was much deplored. Captain Pryor, of the Balaghat Company, had taken charge. The mines of the two companies were contiguous, so that practically Captain Pryor was always on the spot. This arrangement, however, was

only temporary.

Mr. Morrison moved a vote of thanks to the Chairman, which, having been seconded by Mr. Ellior, was carried unanimously, and the meeting ended.

The directors of the WEST PRUSSIAN MINING COMPANY (LIMITED) have declared an interim dividend on the pre-preference, preference, and ordinary shares at the rate of 8 per cent. per annum for the past three months.

COLONIAL BANK.

A dividend at the rate of 10 per cent. declared.—The outlook far from being despondent.

The helf-yearly general meeting of the proprietors in this bank was held at 13, Bishopsgate-atreet Within, E.C., on Thursday last,—Mr. H. H. Dobres (the Chairman) presiding.

The Secretary (Mr. Edward Carpenter) having read the

The SECRETARY (Mr. Edward Carpenter) having read the advertisement convening the meeting,
The CHAREMAN said: Gentlemen—I will endeavour, briefly, to analyse the figures which we now place before you; and to compare them with those which relate to the previous corresponding half-year—namely, that ending December 31, 1898. If you will compare the two sets of figures you will find that in round numbers the notes in circulation are £40,000 less, our deposits £200,000 less, and bills payable £150,000 more, while on the credit side of our account you will find that we have £115,000 more specie.

Cash at hankers and at call is £180,000 less, investments £100,000. side of our account you will find that we have £115,000 more specie. Cash at bankers and at call is £180,000 less, investments £100,000 less, and bills receivable £20,000 more. We have £12,000 more due to us in the colonies on current account, and £50,000 more on bills discounted. We had £2,782,000 of immediately available assets to meet total liabilities of £4,059,000. This is about 65 per cent., so that it is ample to meet all exigencies. I need hardly add (for our practice is well known to you) that we have provided for all debts considered bad or doubtful up to the end of last month: that is to say, six months havend the date of of last month; that is to say, six months beyond the date of the accounts now placed before you. It is satisfactory to your directors to be able to declare a dividend at the rate of 10 per directors to be able to declare a dividend at the rate of 10 per cent. per annum, in spite of the low prices ruling for colonial produce, and the consequent depression which exists in the West Indies, though, at the same time, it is disappointing not to be able to make some considerable addition to the amount carried forward as a dividend reserve. A remark has been conveyed to me to the effect that our report, though short, is somewhat gloomy and discouraging, and perhaps it is, but we have to put things before you as they are, not as we should like them to be, and those who closely watch the course of exists in those countries where the bank transacts its business are well aware that the outlook is far from being a bright one. The industry upon that the outlook is far from being a bright one. The industry upon which those countries are entirely dependent is agriculture, and which those countries are entirely dependent is agriculture, and that industry under the abnormally low prices ruling for its products is suffering severely. We must expect our business to be less profitable in bad than in good times, not only because its volume is necessarily smaller, but because the risks are greater. Excepting the British Guiana Bank, whose operations are confined to that colony, ours is practically the only financial establishment of importance in the British West Indies, and in difficult times the community naturally looks to us for support, and we have in our own interests to afford that support so far as is compatible with safety and prudence. But, gentlemen, though prospects cannot be looked upon as brilliant, we have really no cause to be despondent. (Hear, hear.) Since I had the pleasure of addressing you in January, an advance of £1 10s. to £2 per ton has been established in the price of sugar, and there are indications of an important falling off in the production of this article both in Europe and other parts of the world, which encourages us to look for a further substantial advance in prices 1-ter on. (Hear, hear.) And, after all, sugar is still the stable product of the countries with which we deal. Seasons, too, have been favourable the sons of Great Britain wherever they settle down—(hear, hear)—and are cutting down expenses wherever possible. It is gratifying, too, to know that their efforts are being well seconded the sons of Great Britain wherever they settle down—(hear, hear)—and are cutting down expenses wherever possible. It is gratifying, too, to know that their efforts are being well seconded by the labourers who, untrammelled by trade unions or any institutions of that kind, appear to grasp the situation better than they sometimes do in countries where a higher level of civilisation and intelligence is supposed to prevail. (Hear, hear.) I am very hopeful, gentlemen, that before we again meet you a better condition of affairs will have set in in the West Indies. Anyhow, I can assure you of this—that there is nothing within the walls of the bank calculated to cause any undue anxiety—(hear, hear)—it is rather the surroundings which are perhaps a little depressing, and as you can well understand over those surroundings we have, and can have, no control; but, on the whole I think, as and as you can well understand over those surroundings we have, and can have, no control; but, on the whole I think, as far as the bank is concerned the outlook is far from despondent. Now, gentlemen, I do not know that I can say any more. I shall be happy to answer any questions that you may think proper to put to me from that side of the table. (Applause). Dr. Drysdale asked what amount of bounty was paid by Germany, France, and other countries for sugar. The Chairman: That I could not tell.

Mr. Nevile Lubbock: About £5,000,000 is paid by Germany, France, Austria, and Belgium.

The Chairman: Well, that represents somewhere about £1 a ton.

a ton.

Mr. Lubbook: Taken all round, a little more, I think.

Dr. Drysdale: £5,000,000 for all the countries.

Mr. Spencer H. Curts: I saw it stated the other day in a paper that in the last 10 years Germany had paid £20,000,000

paper that in the last to years derinary had paid £20,000,000 sterling alone in bounties.

Replying to Mr. Hewar, the Charranax said there was some shrinkage in business at the branches, but that was almost inevitable on account of the shrinkage of values.

inevitable on account of the shrinkage of values.

Dr. Drysdale: I wish to remark, sir, how much pleased I am with the present accounts. From what you said last year I anticipated that the dividend would very likely not prove so satisfactory as it has. It is also very satisfactory indeed to hear that you have such a large amount of assets as compared to liabilities. That puts us on this side of the table in a very pleasant frame of mind. With regard to the question of the price of sugar, I must confess myself to being a very strong free-trader. I have always been a great admirer of Adam Smith and the economists, and I believe that free-trade is an undoubted truth which every person ought to learn by heart; but I must say that there is one exception to free-trade, and that is that when foreign countries put on bounties, I think we should have the right to retaliate upon them. That is not fair, and I think we should have a perfect right to put on some tax to prevent them having such a nefarious way of warring

fair, and I think we should have a periest right to put on some tax to prevent them having such a nefarious way of warring against our friends in the West Indies.

The CHAIRMAN then moved the adoption of the report.

Mr. James Fletchen (deputy-Chairman) seconded the resolution, which was carried unanimously.

The CHAIRMAN further moved:—"That a dividend of 5 per

The CHARMAN further moved:—"That a dividend of 5 percent, be made for the half-year ended December 31, 1894, on the paid-up capital of the corporation, and that the same be pay-able on and after the 9th instant, free of income-tax."

Mr. Fletcher seconded the resolution, which was carried.
A vote of thanks to the Chairman and directors, proposed by
Mr. Drysdale, and seconded by Mr. Heath, concluded the pro-

- The TRANSVAAL COAL TRUST COMPANY intimate that the distribution of the March dividend of is, per share will be made towards the end of this month, the delay having arisen owing to the large number of transactions in the company's shares. The SUBSCRIPTION LIST OPENS to-day, SATURDAY, the 8th day of July, and will be CLOSED on or before TUESDAY, the 9th day of July, for London, and at 12 o'clock on WEDNESDAY, the 10th day of July, for Country Applications

SALISBURY-MURCHISON GOLD MINE (LIMITED).

Capital £75.000, in 75.000 shares of £1 each.

FEERET ISSUE, £35,000, of which 32,200 fully paid shares will be allotted to the vendors in part payment of the purchase money, 31,50 are now offered for public issue, of which 20,000 will be set aside for working capital, leaving a reserve of 10,400 shares for the same purpose, to be issued when required. Payable as follows:—1s. per share on application, 4s. per share on allottment, 5s. per share one month after allottment, 5s. per share four months after allottment, and the belance of 5s. per share six months after allottment. Interest at the rate of 5 per cent, per annum will be allowed on payments made in advance of six per share for months after allottment. Interest at the rate of 5 per cent, per annum will be allowed on payments made in advance of six per share for months after allottment. DIRECTORS.

JOHF B. BALL, Esq. (Director of the Kinselia Gold Mines, Limited), 1. Gresham Buildings, E.C.

the rate of 5 per cent. per annum will be allowed on payments and the control of children of the Kinselia Gold Mines, Limited), J. Hr. B. Ball., Beq. (Director of the Kinselia Gold Mines, Limited), 1, Gresham Bulldings, E.C., Victoria Street, S.W.

WILLIAM FEECHEVILLE, Esq. (Director of the Kinselia Gold Mines, Limited), 13, Broad Street Avenue, E.C.,

HOMAS FYKE, Esq. (London Dire-tor of the Broken Hill Proprietary Company, Limited; 23, Stanhope Gardens, S.W.

M. HERBERT SMITH, Esq., Salisbury Hall, St. Albans.

CONSULTING ENGINEERS—Mesers, B. J. and WM. FRECHEVILLE,

33, Broad Street Avenue, E.C.

BANKESS—Mesers, BEOWN, JASSON, and CO., 37, Abchurch Lane, B.C.
BOLICHOMS—Mesers, G.C. and WM. WEBB, 11, Austin Friers, E.C.

AUDITOMS—Mesers, EGC. and FERSON (Chartered Accountants),

Portland House, E.C.

BEOKKES—Mesers, BEOWNISC, TODD, and WHISH, 2, Royal Exchange
Bulldings, E.C.

Buildings, E.C.

BECRETABY & OFFICES—H. CAMEHON RICHARDSON, 8, Drapers' Gardens, E.C.

ABRIDGED PROSPECTUS.

This Company is formed to acquire and work five Gold Mining properties e-lied tre "Saliebury," "Huntingtower," "Agamemnon," "Tammania," and "North Agamemnon," situated about 2½ miles from Cue, in the centre of the Murchison district, West Australia, the whole comprising an aggregate area of

Murchison district, West Australia, the whole comprising an aggregate area of about \$2 acres.

An option on the Salisbury Mine was secured in December last by the Mines Selection Syndicate (Limited), after exisful examination of many promising properties in the Murchison and Coolgardis districts by their agents and representatives, Capt. Wm. Yawdrey and Mr. F. W. Grey. Under the superintendence of these two experts, development of the property was procedured for several months, with results so satisfactory to the Syndicate that the property was purchased outright in April last.

Mr. Grey, who was for several years manager of the Nundydroog Gold Mines

of Mysore, was sent out in August last to investigate the mining capabilities of the Murchison district, and to make examinations and selections on behalf of the Syndicate and its colleagues, first examined the Salisbury early in December last, and cabled to London:

"" "The property covers 12 seres; the property is situated one mile from Light Asia. The outcrop of the lode can be traced for a distance of 302 test. The width of the lode is 4 feet. The present depth of the shart is 72 feet. I believe the ore will assay at least 3 ounces per ton. A lot of 28 tons put through the mill gave 3 ounces. " " ""

In his written report date: 18th February, 1395, Mr. Grey says, with reference to Salisbury and Huntingbower:

"Taking these two claims together. I firmly believe they will make a very valuable property. The lode in the 'Salisbury' is as pretty a one as you could wish to see, and it has every appearance of being permanent in depth, while the general average of the ore is very high grade."

"I have now seen most of the best shows in this part of the Murchison, and I can safely say that there are very few that I like as well, and none that I like better. I strongly recommend a company to acquire them."

Captain Vawdrey, who has had over 30 years' experience in gold mining in Australia, and examined over 60 mines in the Murchison district in February, 1:94, for the Mines Belection Syndicate (Limited) and associates, and who recommended the Kinesia Mine, was instructed to proceed from Colgardie to make another report, and aching on the last February, 1395, said with reference to the Sali bury property:

"Salisbury I strongly recommend. The main shaft is down 75 feet; at the bottom of the shaft have driven in upon the vent for 23 feet; average width of lode is 3 feet. I estimate the value of the ore at 2 ounces 15 dwts. per ton, On the 49 feet evel, average width of the vent in \$5 (feet). Driving levels north and south for a length of 80 feet; south level I estimate the value of the ore at 5 ounces per ton; north le

miled 23 cons, yielded gold by (dulleds). The outstop is strong for a langua of 500 feet.

The "Agamemnon," "Tasmania," and "Agamemnon North," comprising 24 acres, are about 2 miles from the Salisbury, and were more recently secured by the Synd cate, the two former by purchase outright after careful sampling and repeated examination by Oaptain Vawdersy and Mr. Gree, and the latter as an extension. The Salisbury and these properties can be worked with one mill, or, if deemed advisable, either group could be disposed of after fuller development, and worked as a separate company.

The following is an extract from Oaptain Vawdrey's cabled report upon the Agams mon and Tasmania properties:

"Average width of the vein is 4 feet. Average assay value of ore in mine is

that there are many others not yet discovered, but which will

30 dwts. [per ton]. There are four shafts sunk on the vein varying in depth from 40 feet to 55 feet. It is a true fissure vein."
The following is an extract from Mr. F. W. Grey's report on Agamemnon and Tasmania:—

from 40 test to 55 test. It is a true fisure vein."

The following is an extract from Mr. F. W. Grey's report on Agamemnon and Tasmania:

"I have an exceedingly high opinion of the value of this property, and I certainly think it would be wise to acquire it at the price for which it is offered, worked in connection with the 'Silisbury' and 'Huntingte ver' claims, and with its neighbouring block, the Tasmania, I think the property would turn out a most valuable one."

From Mr. Grey's report it appears that the Salisbury lode, so far as it has been opened, varies in width from 3 to 5 feet, and in value from 1 to 5 ounces per ton. Oaptain Yawdrey's estimates of value as given in his cablegram, it will be observed, differ slightly from Mr. Grey's, and, on the whole, are somewhat higher, while Mr. Armstrong values the Salisbury ore at 23 dwts. and working expenses at 12 dwts. There is also the probability of a decrease in working expenses as freights are lowered on the completion of the railway from Mullewa to Oae, which has been surveyed, and for which the rails have already been ordered by the Oxionial Givernment.

The following extract from a letter received from Oaptain Vawdrey, dated Mroth 4th, shows the progess of the work in the Salisbury Mine:—

"In the North end * * the solid quarts is 22 inches thick, and from a prospect I took out of the end, I valued the ore at 1 ounce per ton. This drive is now in 33 feet from the shaft. The Sauth drive is now in 35 feet from the shaft, the lode has also opened bloker, and is now fully 4 feet thick. I could see gold throughout the face, and from a few samples I took, estimated the value at fully 2 ounces 15 dwts, per ton."

The Directors have decided to set saids 30,000 Shares for Working Oapital, which it is estimated with the lineation of applying the proceeds in the first instance in the round with the intention of applying the proceeds in the first lineance in said of the 0.0,00 Shares held in reserve in acquiring the additional plant, unless in the meaning as with

MOUNT MARGARET "REWARD" CLAIM, LIMITED.

The present position of the mine.—The progress of development.

The first general statutory meeting of the members of the Mount Margaret "Reward" Claim (Limited) was held on Thursday, at Winchester House, under the presidency of Mr. ALFRED BARRETT.

The SECRETARY (Mr. Edmund W. Lyons) read the notice The SECRETARY (Mr. Edmund W. Lyons) read the notice convening the meeting.

The CHAIRMAN said: Gentlemen—As you are aware from the notice, this is the statutory meeting of the company, which, in compliance with the Companies Act, we are compelled to hold within four months of the registration of the company, and it seems to me to be a very opportune time for giving you a very brief sketch of your property, and how far the work of development has been proceeded with since the incorporation of the company. The claim is situated about 180 miles to the north-north-west of Coolgardie. It is quite close to Mount Margaret, hence its name; and about 2 miles distant from Lake Carey, where there is plenty of brackish water to be obtained at a few feet below the surface, in any weather; both of these places are marked on the surface, in any weather; both of these places are marked on the Government maps. The property comprises the following four blocks—namely: (1) The Reward claim; (2) the Quartz claim; (3) Lease No. 1247; (4) Lease No. 1249. The following extracts from a report of Mr. Frank Backhouse, the mine manager of the West Australian Gold Fields (Limited), received ince the company was formed and dated C. olgandia March? manager of the west abstrains Golf Fields (Limited), feedwed since the company was formed, and dated C. olg ardio, March 9, will, I am sure, give you a very good idea of the high value of your property as far as can be ascertained for the present:—" Reward claim: The principal work done in the Reward claim has been able to the formation reading the control of the on the lode formation extending through this claim and the quartz claim. As underlay shaft has been sunk to a depth of 25 feet, proving the formation and crystalline reef to that depth. Also it has been opened out by stripping on the surface two chains in length—one chain at each end of the shaft—to a depth chains in length—one chain at each end of the shart—to a depth of 10 feet, where the lode was found to be 9 feet wide. An average sample taken here yielded at the rate of 6 ounces 10 dwts. per ton. On the hanging wall side there is a quartz reef running through the whole formation, and proved to some depth, known as the Crystalline reef. It is about 2 feet wide, carrying gold, freely distributed from end to end. A sample of this yielded at the rate of Ab carryer per ton. Towards the south freely distributed from end to end. A sample of this yielded at the rate of 40 ounces per ton. Towards the southwest from the shaft an open cross-sut has been taken, exposing similar formation. A sample here yielded at the rate of 12 ounces per ton." "Quartz claim: Nothing of importance is yet to be reported, although a number of leaders carrying gold have been met with." "Leases No. 1247: On this lease a shaft (No. 2) has been sunk to a depth of 15 feet on a line of reef, and proving same to be almost 3 feet wide. An average sample here yielded at the rate of 1 ounce 16 grains (? dwts.) per ton." "Lease No. 1249: On this lease a shaft (No. 3) has been sunk to a depth of 20 feet on a line of reef, showing a reef from 2 feet 6 inches to 3 feet wide. An average sample here yielded at the rate of 1 ounce 3 dwts. per ton." Now, gentlemen, I would ask you to remember that this report is dated March 9, and since then, no doubt there is a very fair stock of ore at grass. Last week I asked the that this report is dated March 9, and since then, no doubt there is a very fair stock of ore at grass. Last week I asked the Gold Fields people if they would be good enough to get us the latest information, and they have received a telegram, which Mr. Stoneham will tell you about presently. We have instructed our manager to report fortnightly, and we shall forward information to the newspapers. The machinery which the West Australian Gold Fields, as stated in the prospectus were good enough to order well shead, consists of a .0 stamp battery, with engine power capable of driving 20 stamps, and all other requisite appliances, the bulk of which is due at Fremantle, the nearest port, on or about the 10th of this stamps, and all other requisite appliances, the bulk of which is due at Fremantle, the nearest port, on or about the 10th of this month, so you see no time has been lost as regards the shipment of the machinery, and our local director, the Hon. H. J. Saunders, who will arrive about the same time as the machinery, and the water to last until the next rainy season comes round. I know from other sources the country was under water ting the plant up and at work at the mine, as to the value of which he hold a very high opinion. I may say the plant has been made by the well-hoown makers, Messrs. Fraser and Chalmers, after consultation with Messrs. Bewick, Moreing, and Chalmers, after consultation with Messrs. Bewick, Moreing, and Co. Hon. H. J. Saunders, and Mr. R. Herbert Lapage. Before through very carefully, and said, "One point, to my mind, is that the month of the plant was a careful man, would not make the state-Chalmers, after consultation with Messrs. Bewick, Moreing, and Co., Hon. H. J. Saunders, and Mr. R. Herbert Lapage. Before No. H. J. Saunders, and Mr. R. Herbert Lapage. Before shipment the plant was inspected, and Measrs. Fraser and Chalmers have guaranteed its efficiency. As to the water, I see, through one of the Australian papers, that there have been very heavy rains in the Mount Margaret country, the whole place being flooded for miles, and the creeks, &c., are filled to overflowing; this was before the beginning of the wet season, and as this has now set in there should be an abundant second. and as this has now set in, there should be an abundant supply and as this has now set in, there should be an abundant supply of water a d feed for mouths to come. I cannot help thinking that the water difficulty has been made a great deal too much of. We are continually hearing of new finds of water hitherto unsus setes, and on Mr. Backhouse's last visit from Coolgard e unsus ected, and on Mr. Backhouse's last visit from Coolgard e to Mount Margaret be met with a fresh water lagoou, which he describes as "extending for some miles," and which was filed by one shower lasting about two hours. This was about 100 miles north-east of Coolgardie, and it is only reasonable to suppose

be found when the track is better known. Referring again to Mr. Backhouse's report as to the prospects of the mine itself, I think it well to give you the actual concluding words, which are: "This property will turn out a dividend-paying mine, as surface indications and present developments prove large bodies of rich ore in sight." And now I want you to listen very carefully to the next sentence, as it is of enormous importance: "One shoot of main formation must yield 10,000 ounces at least; in fact, I cannot but think that some sensational at least; in fact, I cannot but think that some sensational returns may be expected when the necessary plant has been erected for the treatment of the ore." This, gentlemen, seems to me almost too good to be true, but we know that Mr. Hooper formed a very high opinion of the property, and there is really no reason to doubt it. The only print in my mind was whether this shoot was on our property or on an extension owned by the West Australian Gold Fields, but I am assured it is on our property. Now, gentlemen, I can only say that I hope soon to be able to tell you that we are extracting some of the gold from it. I think we are perfectly justified in arriving at the conclusion that we have a very vausble property, and we believe we have also a very efficient man to manage it. Mr. Paul, the manager, is stated to be a very experienced and highly capable man, not only of carrying out the developments of the mine, but also of superintending the creation of the machinery. Mr. man, not only of carrying out the developments of the mine, but also of superintending the creation of the machinery. Mr. Paul has been in charge of the property for some months. He was in charge before this company was formed, and we propose to retain his services. Let me assure you that nothing will be wanting on the part of the directors of this commany in conducting its affairs in a thoroughly business-like way, and in end-avouring to place it among the first of the dividend-paying mines in the Coolgardie District. At the same time, I must beg you to remember that a mine is not equipped and ready to commence crushing without considerable delay—heavy machinery is not manufactured, transported, and erected in a few weeks, and those of you who have seen mining machinery at work, and the immense amount transported, and erected in a rew weeks, and those of you who have seen mining machinery at work, and the immense amount of work that is required to be done in opening-up a mine before ore can be got out to put through the mill, will fully appreciate that sufficient time must be allowed to elapse between the formation of the company and the date when the returns from the mile and he worked. Now continue at the content of the company and the date when the returns from the mine can be expected. Now, gentlemen, I have only to thank you for your kind attention to my remarks, and may say that I shall be pleased to answer any questions which may be (Applause.)

Mr. Allen H. P. Stoneham said: Gentlemen—Mr. Barrett asked me the other day whether the West Australian Gold Fields Company has received any later news than he had about the Mount Margaret. As a matter of fact, we had not at that Fields Company has received any later news than he had about the Mount Margaret. As a matter of fact, we had not at that time received anything at all. The Mount Margaret Company had taken over the property, we were in communication with the manager, and I suppose our full instructions had not reached him. Therefore, as we had not heard anything at all, I sent out the following cablegram to Messs. Saunders and Company, of Perth, saying: "Mount Margaret statutory meeting 4th July; telegraph latest information about it; 9th March was the last report." I got the following reply on 2nd July:—"Refer to your cable of the 28th. Margaret:—The latest news is dated the 18th June. Heavy rains, Water shaft has reached a depth of 102 feet. Water increasing. There are 200 gallons of water in 24 hours. Struck big formation 86 feet showing gold. No. 2 shaft has reached a depth of 31 feet. Gold can be seen in stone. No. 3: The depth of the underlie shaft is 41 feet. The necessary work of developing the mine much retarded by a great scarcity of good men." You will see that there has not been any time lost by the large amount of development work done. The water difficulty, to which the Chairman has referred, does not seem to amount to anything at all. The people there seem to have more water than they know what to do with. They have got down to 102 feet in the shaft, and the water is increasing. There have been heavy rains, and it seems as if they will be able to store enough water to last until the next rainy season comes round. I know from other sources the country was under water for miles. The only other point I wish to refer to is the state-Australian told Fields Company, I immediately handed it over to Mr. Barrett. Being a very cautious gentleman, he read it through very carefully, and said, "One point, to my mind, is that Mr. Backhouse, who is a careful man, would not make the atate-unless he believed it were true, but is it on our property or on yours?" We referred to the plans, and examined them with the true of the plans, and examined them with the true of the plans, and examined them with the yours?" We referred to the plans, and canning them what the report, Mr. Barrett said it occurred to him that the 10,000 ounces was on lease No. 4 (there are three leases which the Mount Margaret holds), It appeared to him that that 10,000 ounces was on the No. 4 lease, which the West Australian Gold Fields Company had not sold to his company, but had kept back for themselves. (Laughter.) I came to the conclusion that Mr. Barrett was entirely wrong; as a matter of fact, I know he was wrong, because that 24 across taken up long after the other three leases, and at that time not a stroke of work was done upon it. Our instructions to the manager were to do nothing more than fulfil the labour clauses. We thought it possible that the very valuable to report to you on that occasion. (Hear, hear.)

reefs which we know are in the Mount Margaret claim extended into this extra lease of 24 acres which we took up. We took it up for that reason, and it is marked on the plan, "Supposed line of plan into the 24 acres lease." All I can say is that I shall be very delighted if that 10,000 ounces is either on your property or on the 24 acres lease, but Mr. Barrett thought it would be a very unfair thing if the West Australian Gold Fields Company had kept back the 24 acres lease with so much gold on it. If it should prove to be so, we should be very glad to take back your lease, and give you the 24 acres lease which we have, but there is not the slightest doubt that it is on your property, because there is no work at all done on the 24 acres lease Applause.)
Colonel Parry Nesbitt moved a vote of thanks to the Chair-

man and board, speaking of the extremely satisfactory particulars as to the condition of the mine which both the Chairman and Mr. Stoneham had given of the development and prospects of the mine.

Sr Charles W. F. Craufurd, in seconding the motion, spoke also of the assistance the company had derived from

Mr. Lapage.
The motion having been unanimously carried, the proceedngs terminated.

CENTRAL CHILI COPPER COMPANY, LIMITED.

Satisfying the requirements of the Stock Exchange.

An extraordinary general meeting of the shareholders of the Central Chili Copper Company (Limited) was held on Thursday at Winchester-house, Old Broad-street, E.C., under the presidency of Mr E. A. J. Goudschmin, for the purpose of making certain alterations and additions in the Articles of Association, as required by the Committee of the Stock Exchange.

The Secretary (Mr. John Peters) read the notice convening

The CHAIRMAN said : Gentlemen-You will have gathered The CHAIRMAN said: Gentlemen—You will have gathered from the notice convening the meeting that we have applied to the Stock Exchange for a quotation of the company's shares. We did so because the directors thought—and I dare say you will all agree with them—that an official quotation would be to the interest of all the shareholders. You will, perhaps, think that the proposed alterations of the Articles are not very important; but the committee of the Stock Exchange required that they should be made in order that our application might be acceded to, and we, therefore, propose to you that you should

that they should be made in order that our application might be acceded to, and we, therefore, propose to you that you should pass them. Is it your wish that they should be put to the meeting en bloc, or would you like them submitted separately? A SHAREHOLDER: They might all be put together.

The CHAIRMAN: Very well, then: I will propose that the following alterations be made in the company's articles:—Article No. 28. After the second word on the s-cond line to add these words: "Or lent upon the security of."—Article No. 32. At the beginning of the fourth line, "one-tenth" to be substituted for one fifth."—Article No. 73. The following clause to be substituted for Article No. 73: "The qualification of a director shall be the holding of ordinary shares of the company of the shall be the holding of ordinary shares of the company of the nominal amount of £100. A first director may act before acquiring his qualification, but shall, in any case acquire the same within one month from his appointment, and unless he shall do so one month from his appointment, and unless he shall do so he shall be deemed to have agreed to take the said shares from the company, and the same shall be forthwith allotted to him accordingly."—Article No. 123. The following words to be omitted on line 7, after the words "think fit": "upon the London Stock Exchange."—Article No. 163. On fourth line "two months" to be substituted for "one month."—Article No. 170. To omit all the words from the present clause after the word "shareholder" which occurs on line 10.

Mr. F. Alexander Johnston seconded the resolution, which was put. and carried unanimously without discussion.

Mr. F. ALEXANDER JOHNSTON seconded the resolution, which was put, and carried unanimously without discussion.

The CHAIRMAN: Now that the formal business of the meeting is over, I daresay you would like to hear something relative to the prospects of the company. (Hear, hear.) You all know that we started work on April 30. Of course, we had many difficulties to contend with in starting works of this sort so far away, but I am sure you will be glad to hear that from the very first we had been making a profit, as is clearly shown by the sure you will be glad to hear that from the very first we had been making a profit, as is clearly shown by the return for the month of May, and you may accept our assurance that we are continuing to work with a distinct and fair profit, and there is very little doubt that as we go on these profits w'll increase. Our output also will, of course, increase, and perhaps I should not be going too far in saying that eventually we shall considerably exceed the prospects shadowed forth in the prospectus which we issued to our shareholders. You will all have noticed that our Chairman (Sir John Pender) is not with us to-day. Well, he was to have presided, but he is now enjoying a well-earned holiday, and I am sure we all trust, that he will return to his duties in connection with this

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A SHARRHOLDER: When will the next meeting take place?
The CHATRMAN: The confirmatory meeting will be held in a little more than a fortnight's time.

The SHAREHOLDER: I meant the annual meeting.
The CHAIRMAN: That is not yet fixed; but you will have due
notice of that meeting when the date has been decided upon.
The meeting then terminated.

THE NEW PINOS ALTOS COMPANY, LIMITED.

Further economies in working.-A prospect of dividends.

The ordinary general meeting of the shareholders in the New Pinos Altos C moany (Limited) was held yesterday, at the Cannon-street Hotel, the chair being occupied by the Right Honourable the Earl of Onslow.

The Chairman, in moving the adoption of the report and accounts, congratulated the shareholders on the fact that the company had now definitely turned the corner. Notwithstanding that during the past year the most unexampled difficulties, such as were not likely to occur again, had presented themselves, a considerable profit had been made—viz., £7500. In the first place, owing to the inefficient manner in which the mine had been timb red, a considerable cave occurred, which for a time completely blocked up the mine, and caused a serious delay in the mining operations. Owing to this they lost no less than 82 days in 1894, against only 36 days in 1893. Stoppages must always occur in connection 36 days in 1893. Stoppages must always occur in connection 36 days in 1893. Stoppages must always occur in connection with a company of that sort, but a loss of a month or six weeks was quite as mush as they ought to expect. Another difficulty with a company of that sort, but a loss of a month or six weeks was quite as much as they ought to expect. Another difficulty had been encountered in getting a sufficiency of labour to carry on the working of the mines. Some new mines had been opened up in the neighbourhood, and the workmen employed at the Pinos Altos had been tempted away to these by higher wages. These rates of pay were not, however, maintained, and he was glad to say they were now returning to their old work. The compuny, in common with all silver producing concerns, had suffered somewhat from the depression which had been ruling in the market for that metal. In the year 1889, when the Maxican dollar was at a high value, they turned out \$549,000 worth of bullion, which realised £89,000, and vielded a profit of £22,000. In 1894 they worked \$558,000 worth of bullion, which only realised £60,000, giving a profit of £12,000 only. It was, however, satisfactory to note that silver had been rising steadily in value for some time, and he hoped that when it had found its proper level it would maintain a higher value. He was glad to be able to state that considerable economies had been effected in the working of the mine. The cost of working the ore, which in 1893 was \$18.45, had fallen in 1894 to \$17.58—a reduction of approximately \$1. The value of the ore had not quite come up to the expectations they had entertained. The actual average value per ton had been \$28.51, which, though a considerable increase on 1893, was not quite so high as they had anticipated. The installation of what was known as the Pelton wheel, deriving its movice power from

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above the 600 feet levels, much of which can be worked to special advantage from the Criterion shaft, and below the 790 feet level it is all virgin country. On the east lode the ground has been worked to the No. 6 level 517 feet, but below that it is all virgin country, and affords an immense scope of ore ground for working. On the Welcome May Davlode, the ground has only been partially worked to No. 4 level 372 feet, and from below that level the ground is practically untouched. Although within the small area of ground that has been worked by the old company worked to that has been worked by the old company within the small area of ground that has been worked by the old company within the small area of ground that has been worked by the old company within the small area of ground that has been worked by the old company within the small area of ground that has been worked by the old company within the small area of ground that has been worked by the old company within the small area of ground that has been worked by the old company within the small area of ground that has been worked by the old company within the small area of ground that has been worked by the old company within the small area of ground that has been worked by the old company within the small area of ground that has been worked by the old company within the small area of ground that has been worked by the old company within the small area of ground that has been worked by the old company within the small area of ground that has been worked by the old company within the small area of ground that has been worked by the old company within the small area of ground that has been worked by the old company within the small area of ground that has been worked by the old company within the small area of ground that has been worked by the old company within the small area. on the three parallel lodes, there has been taken over 1,300,000 tons, giving a yield of gold of over £2,000,000 sterling, it forms but an insignificant area of proved ore country awaiting further development and exploration within the company's mine. In the Port Phillip Mine we have a splendid record of satisfactory results, and there can be no doubt that in the future development of this mine and utilizing the most recent methods of condevelopment and exploration within the companies of the Port Phillip Mine we have a splendid record of satisfactory results, and there can be no doubt that in the future development of this mine, and utilising the most recent methods of concentration and treatment of pyrites, that the average yield of gold will be materially increased, and I hope to see an average of 8 dwts. to \(\frac{1}{2}\) ounce per ton. This would give very handsits of an 87 stamp mill, and the north and south shafts equipped with powerful winding and pumping plants capable of working to 2000 feet or more when required. The Port Phillip Mine with its record of results, with its complete equipment, its splendid future prospects of large and satisfactory yields of gold, offers one of the best and most profitable mining. South Africa, he considered that those who took an adventurous investments in Victoria. In conclusion, the Chairman moved the confirmation of the resolutions which were passed at the confirmation of the resolutions which were passed at the confirmation of the resolution of the sendirmation of the resolution of the resolution

tion, which, after a brief discussion, was put, and carried unani-

Mr. Envest E. Webb having been appointed liquidator at a fee of £50, the proceedin : c meluce !.

SOUTH SWAZILAND GOLD AND EXPLORATION COMPANY, LIMITED.

The lode well defined.

The statutory meeting of the shareholders of the South Swaziland Gold and Exploration Company (Limited) was held on Thursday, at Winchester House, Mr. Ernest Samuel

residing.
The Secretary (Mr. Frederick Moore) read the notice con-

The SECRETARY (Mr. Frederick Moore) read the notice convening the meeting.

The CHAIRMAN, after expressing regret at the absence of Mr. Massey, the Chairman of the company, continued: This is our statutory meeting, and our property is situated at so great a distance from here that it is not possible for us to give you any large amount of detail as to its working, &s. Our mining engineer, Captain McIver, arrived on the 19th of last month. He sent us a cablegram notifying that, which appeared in most of the papers, and then again he telegraphed us on the 29th of Un-, amounting the fact that he had arrived on the property.

What he said I will refer to a little later on. There is no doubt, gentlemen, that we have a valuable concession, and it rests with us now only to proceed and develop it. The experts opinions are available for any shareholder who likes to ask for them, as they are in print. Our mining engineer further says that the reaf shows a well-defined body of quark. This information from our mining engineer practically confirms everything that appears in the reports which I will dilute more letters. mation from our mining engineer practically confirms everything that appears in the reports which I will dilste upon later on. You will see behind me Sir Dona'd Currie's map. On it you will see Swaziland, and if you refer to it you will find that our property is wholly covered by the word "gold" on the map, showing where there are gold-bearing reefs. It is situated 11 miles south-east of the King's Kraal. Here we have a map which is practically drawn to scale, and no doubt we have a saluphly recognified to this support to the support of the scale of the support of the s which is practically drawn to scale, and no doubt we have a valuable property according to this authentic map, which is impartial, and was published before we acquired the property. I believe there is no doubt in the world that we have a large amount of gold on the property, and that it is also a very big property. (Applause) The cablegram from Captain McIver also says that the property is well placed for economical development and working, that it is a property which possesses ample water and timber resources. This we know from the printed reports, and they are two most valuable factors. He also states that we have water levels for driving and sluicing, and that agreeting giving a profit of £12,000 only. It was, nowever, satisfactory to note that silver had been rising stavility in value for so your witness, and the hoped that when it had found its prove level it would make the property with the working of the mins. The cast of working the ore, which in 1803 was \$12+65. How had been \$12+65 = a reader-tion of approximately \$1. The value of the ore had not quite come up to the expectations the reader-tion of approximately \$1. The value of the ore had not quite come up to the expectations are reader-tion of approximately \$1. The value of the ore had not quite come up to the expectations are reader-tion of approximately \$1. The value of the ore had not quite only the sately had anticipated the property of the property and the contrained. The actual average value per ton had been \$250, which, though a considerable navies on 1803, was not quite so high as they had anticipated. The installation of what one was the property of the property is a state of the property and the property of the property is a state of the property and the property of the property and the property of the property and the prope (Appl mse.)

A SHABEHOLDER asked if the company's title to the property

The CHAIRMAN replied that the cablegram from their mining manager on the subject was as follows:—"The property is registered in the name of the South Swaziland Gold Mining and the documents would be forwarded by mail. He did not

The CHAIRMAN: None whatever. I think we can go on working for some time without troubling the shareholders for any

property of this kind, but there were many very sudden surprises, and he should not be astonished if they made a considerable profit. The Chairman had referred to the fact that Swazilar d was very rich in tin and there was a very fair prospect of making a profit from this source as well as the other sources he had mentioned. (Applause.)

The motion was seconded by Mr. W. E. Robbins, and carried unanimously.

unanimously.

The Charman, in acknowledging the compliment, stated he believed that they would be able to return to the shareholders all the capital they had subscribed by the formation of subsidiary companies, even without waiting for the development of the property. (Applause.)

The proceedings then terminated.

PROVINCIAL SHARE MARKETS.

THE CORNISH MINE SHARE MARKET.

THE CORNISH MINE SHARE MARKET.

Mr. MICHAEL WILLIAMS BAWDEN, Mining and Assaying Offices, Liskeard, Cornwall, writes (July 4) as follows:—The mining market has shown more firmness throughout the week on the improved appearance of tin, and favourable result of the statistics for the past month:—Blue Hills, 12s. 61. to 14s.; Carn Brea, 1½ to 2; Cook's Kitchen, ¾ to ½; Dovon Consols, 30s. to 31s. 63.; Dolcoath, 46 to 46½; Drakewalls, 2s. to 2s. 63.; East Pool, 5½ to 5½; Killifreth, 10s. to 11s. 61.; Levant, 4¾ to 5; Polberro, 17s. to 18s. 6d.; South Crofty, 11s. to 12s. 61.; South Frances, 9s. to 10s.; Timoroft, 6¾ to 7; West Frances, 15s. to 16s. 6d.; West Kitty, 5½ to 5½; Wheal Basset, 1¾ to 2; Wheal Grenville, 12 to 12½.

Messee, ABBOTT AND WICKETT. Stock and Share Brokers and

Messre. ABBOTT AND WICKETT, Stock and Share Brokers and Mining Share Dealers, Redruth, write under date of Thursday, July 4:—A quiet market this week, with not much alteration in prices. A few Dolcoaths changed hands at 46, but, pending the new issue, there is not much disposition to deal. Quotations herewith:—Blue Hills, \(\frac{3}{2}\) to \(\frac{4}{2}\); Carn Brea, \(\frac{1}{2}\) to \(\frac{2}{2}\); Killifreth, 9s. to \(\frac{1}{2}\); Delcoath, \(45\frac{1}{2}\) to \(46\frac{1}{2}\); Bast Pool, \(5\to\) to \(5\frac{1}{2}\); Killifreth, 9s. to \(11\structure{1}\); Toroft, \(6\frac{1}{2}\) to \(\frac{1}{2}\); West Frances, \(\frac{1}{2}\) to \(\frac{1}{2}\); West Kitty, 5 to \(5\frac{1}{2}\); Wheal Basset, \(\frac{1}{2}\) to \(\frac{1}{2}\); Wheal Grenville, 12 to \(12\frac{1}{2}\). Tip, \(63\frac{1}{2}\).

MANCHESTER.

MANCHESTER.

Messrs. Joseph R, and W, P. Baines, Stock and Share Brokers, Queen's Chambers, 7, Market-streat, write July 4 (noon):—M stee have shown some fluctuations during the past week, but on balance there is a very distinct majority throughout all department: f changes in favour of holders. This majority is faily in evidence amongst the several sections of rails. Home rails, perhaps, are all title more contradictory (in some cases) than others, but herein also the majority is well on the favourable side. Canadians are all better, where altered, on the week. Americans, though in some cases having shown some fairly wide fluctuations, fluish with but fractional changes, and these with advances overweighing declines both in number and amount. Changes in Mexican Rails small, but they, too, are in favour of holders. Whilt the upward march of "gilt-edged" securities one would think they were "gilt-backed" as well, seeing the prices they fetch) continues. Consols have proved an exception, showing decline of \(\frac{1}{2}\) on the week. Colonials show advances, without any declines. The advances are as follows—viz., New South Wales Inscribed 2, New Zealand Inscribed 1\(\frac{1}{2}\) canada Registered 1, and Cape of Good Hope Inscribed \(\frac{1}{2}\). Some very decided advances are made in prices of home corporation stocks. First and foremost came flankburn issues, the Four per Cent. being \(\frac{1}{2}\), and the Three and a-Half per Cent. \(\frac{1}{2}\), and the Three and a-Half per Cent. \(\frac{1}{2}\), and Nottingham. Three per Cent. \(\frac{1}{2}\). Hull Three and a-Half per Cent. \(\frac{1}{2}\), and Mexican Six per Cent. \(\frac{1}{2}\). Foreigners are hardly changed in values at all.—Higher: Brasilian Four per Cent. \(\frac{1}{2}\), and Mexican Six per Cent. \(\frac{1}{2}\). Foreigners are hardly changed in values at all.—Higher: Brasilian Four per Cent. \(\frac{1}{2}\), and Mexican Six per Cent. \(\frac{1}{2}\). Foreigners are hardly changed in values as all movements in rails on the week, which we may d

BANKS.-Higher: Consolidated 1-16, London and Midland \$.

BANKS.—Higher: County 1.

INSURANCE—Higher: Boiler Insurance and Steam Power 1.

Equitable 61., Liverpool, London, and Globe 1. Maritime 1-16.

Palatine 1-16 to 1. Reliance Marine, 1. Royal 1. Sea 1.—Lower:

Lancashire 2.

Mines. — Higher: Gold Fields Chartered 3-16, Consolidate 1
11-16, De Beers 2.—Lower: Davien A, 2, Mason and Barry 2 to 2.

TELEGRAPHS,-Higher: Eastern &.-Lower: Anglo-American

reference \(\frac{1}{2}\).
TELEPHONES. —Higher: National, 1-16. COAL, IRON, &C.—Higher: John Browns 2, Ebbw Vale 1, Lower: blokow Vaughan, £20 paid, 2 to 5-16, ditto £12 paid, 2 to 1, R.

Etans A. 1/2.

Brawbertes. — H. gher; Banta 1/2. Beldingtons 1/4. Chesters 3.16
t. 5-16. Manchester Occina-y 1/2. Masseys 1/2. Parkers 1/4. Tamplins
11/2.—Linwer: All sopple, 1 to 2.

MISCELLANEOUS.—Higher: Coats, 1/2; Palace of Varieties, 1/2 to 3.16; Saiers and Pond, 1/2; Star Paper, 1/2; Gas Light A. 9; Liverpool United Gas A. 3; Northern Assets, 6.—Lower: Blackpool Towers, 18.; Conard Steam, 1/2; Earles, 1/4; Hetherington, 1/2; Listers, 1/4; Conard Steam, 1/4; Carlos part 1.16. Canal pref., 1 16.

LATER (4 P.M.).—Americans and Canadians have been a shade firmer to day, and at the close advances are recorded, ranging from \$\frac{1}{4}\$ to 1 per cent. Home rails have been very quiet, and changes have not exceeded \$\frac{1}{4}\$ to \$\frac{1}{4}\$ per cent. There has continued a good demand for all good dividend-paying stocks.

EDINBURGH.

Messrs, THOMAS MILLER and SONS, Stock and Share Brokers, 40 Messra. Thomas Miller and Sons, Stock and Share Brokers, 69, Hanover-street, Edinburgh, report as follows under date of July 4:—Scottish railway stocks have been strong. Glasgow and South Western has advanced 24. Caledonian Deferred 4. North British & Highland 4. In banks, British Linen has improved 5s., National 20s. In insurance shares, Caledonian have risen from 28 to 284. Life Association from 414 to 414. North British and Mercantile from 38 to 384. Royal from 494 to 504. Scottish Union and National A from 87s., 61, to 90s. A large business has been done in British South Africa Chartered shares, which have advanced from 86s, to 94s. Arniston Coal have improved from 27 to 274. A demand for oil shares has set in again at enhanced prices. shares has set in again at enhanced prices,

Cafe Gold Expost.—The export of gold from the Cape during the month of June last amounted to £660,493. The Union Line steamer Sees takes gold to the value of £110,680;

LATEST FROM THE MINES.

CABLEGRAMS AND TELEGRAMS.

A USTIN GOLD.—Cable news has been received that the machinery is working well, and a clean-up will take place in about a fortnight.

BONNIE DUNDEE.—The directors have received the following cablegram from Charters Towers:—"Have crushed from the No. 3 new shaft 131 tons of quartz for 148 ounces of old. The approximate value of this return is £500"

BUFFELSDOORN ESTATE AND GOLD.—The London agents announce receipt of the following cablegram:—"The Buffelsdoorn company has decided to issue the first subsidiary company, the name of the company to be Buffelsdoorn A. The property consists of 200 claims, inclusive of White Reef property. Total capital of company, £250,000. The Buffelsdoorn company receives 175,000 fully-paid up shares; balance, 75,000 shares, 37,500 of which will be offered to shareholders at £2. The Johannesburg Consolidated Investment Compuny guaran-The Johannesburg Consolidated Investment Company guarantees the issue for which it has an option on 37,500 shares at tees the issue for which it has an option on 37,500 snares av £2 10s.; this will give the new company £167,500 working capital. Mr. G. H. Starr has been appointed manager of the entire property. We intend to erect 200 stamps immediately."

BARRETT.—Gold return for June, 515 ounces. Transport service interfered with by laying of the new tram line, which the manager expects will be completed and running by end of Angust.

August.
BAYLEY'S REWARD CLAIM.—The London office of this company has been informed that careful assays have now been made of the whole of the tailings. The quantity on the 13th May last is stated to have been about 5500 tons, estimated to contain on an express 25 dwys of gold repression.

May last is stated to have been about 5500 tons, estimated to contain, on an average, 25 dwts of gold per ton.

BROKEN HILL PROPRIETARY.—The manager cables that for the week ending July 4, 8514 tons of ore were treated yielding 609 tons of lead, containing 173,617 ounces of silver; also 1686 tons treated by amalgamating and leaching plants, producing 17,050 ounces of silver.

BURMA RUBY.—The returns for June received by telegram are as follows:—"For the fortnight ending June 15, 3700 loads, washed, producing rubies valued at Rs.15,000; for the fortnight ending June 30, 5400 loads washed, producing rubies valued at Rs.30,000."

CHAMPION REEF.—The directors have received a telegram

CHAMPION REEF.—The directors have received a telegram from the mine, dated July 4, giving last month's return of gold as follows:—"4490 tons of quartz produced 5610 ounces of gold; 1150 tons of tailings produced 300 ounces gold. Total production for the month, 5910 ounces of gold."

CARRINGTON.—The manager at Charters Towers cables as follows:—"South-east level improves. The vein formation looking better. Nothing fresh in the shaft, but good progress is being made. Expect to strike the Victoria vein this month." A further cable also states:—"The leader in the level still continues. Several floors which are dipping in the same direction as the Victoria lode have been passed through in the shaft. I hope to be able to send you some good news shortly."

as the Victoria lode have been pass-d through in the shaft. I hope to be able to send you some good news shortly."

CRAVEN'S CALEDONIA.—The following cablegram has been received, giving result of crushing, dated Charters Towers, July 1:—"275 tons yielding 375 ounces gold."

CENTRAL CHILI COPPER.—The directors in London have received the following cablegram from their manager at Panulcillo: Result of work for the month of May. Mines produced 1050 tons supphret ores; ores bought, 665 tons; ores smelted, 2000 tons; regulas produced, 207 tons.

DAY DAWN BLOCK AND WYNDHAM.—The directors have received the following cablegram giving the result of the

have received the following cablegram giving the result of the crushing for the fortnight ending June 29:—"Tons crushed, 969; vield of gold, 625 ounces; value, £2160; fortnight's expenses, £1716."

DON PEDRO.—"Produce for the month of June 1100

oitavas equal 126 cunces. Sinking resumed."

EMERALD REWARD.—The directors have received a cable gram from their manager, as follows:—"300 tons, 90 ounces. Had to shut down on account of repairs since June 14; has been thoroughly overhauled; everything is now in orden"
ELKHORN.—Bullion produced in mill for week ending June

29, 9500 ounces

ELKHORN.—Bullion produced in mill for week ending June 29, 9500 ounces.

FORBES REEF.—A telegram has been received from the mines stating that the result for the month of June is 121 ounces of gold.

FORBES REEF.—A telegram has been received from the mines, stating that the diamond drill being used for the main reef has started boring.

GOLD FIELDS OF MASHONALAND.—Cotopaxi Mine: The following cablegram has just been received from Victoria, Mashonaland, announcing the result of the last month's crushing at the above mine:—"During the month mill worked 18 days, crushed 470 tons; yielded 242 ounces of gold. Lower output due to accident to pulley."

GOLCONDA.—The undernoted cablegram has been received from Mr. Benson (the manager at the mine):—"Water supply greatly increased. Crushing 12 hours daily."

GOLDEN FEATHER.—The following has been received by cable from Colonel Frank McLaughlin, the company's general manager at Oroville:—"River turned. Head-dam, foot-dam in first—lass order. Will commence pumping within a few days.—McLaughlin."

GELDENHUIS ESTATE.—A cablegram has been received from the head office at Johannesburg, stating the following results for last month:—"Crushed 15.120 tons: obtained from sults for last month:—"Crushed 15.120 tons: obtained from

GELDENHUIS ESTATE.—A cablegram has been received from the head office at Johannesburg, stating the following results for last month:—"Crushed 15,120 tons; obtained from mill 5504 ounces of gold; obtained from tailings by oyanide 2110 ounces of gold; total, 7614 ounces of gold."

HAMPTON GOLD FIELDS—The following telegram has been received from the manager at Coolgardie:—"Have struck water in Orient 130 feet."

KABOONGA.—The following is a copy of cablegram received from the manager at the mina:—"South-west drive extended by 58 feet; south crossout 98 feet. Bedrock running nearly level. Cemented washdirt; feet overhead of much the same quality as the washdirt; the gold is very fine."

KAPANGA.—The directors have received the following

KAPANGA.—The directors have received the following information from the manager—viz.: "We have crushed 33 tons ore yielding 105 ounces of gold. There is a change for the better in the reef in the 300. We are getting a little gold in the 420. Prospects are encouraging."

the better in the reef in the 300. We are getting a little gold in the 420. Prospects are encouraging."

KOFFYFONTEIN.—A cable received from the company's mine states that 2675 carats were received from Mr. Wm. St. LOMA.—A cablegram has been received from Mr. Wm. St. David Griffith advising a clean-up valued at \$300.

LISBON-BERLYN.—"A cable has been received from the manager giving the following results for the month of June:— Milled 1724 tons (of 2000 lbs.). Recovered 108 ounces. Tailings treated by cyanide 1850 tons (of 2000 lbs.) Recovered 583 ounces. Total recovered 691 ounces." **MOSMAN,—The directors have received the following cables.

WENTWORTH GOLD FIELDS PROPRIETARY.—The following cables are encoured from the company's mine states that 2676 carets were recovered during June.

LOMA.—A cablegram has been received from Mr. Wm. St. David Griffith advising a clean-up valued at \$300.

LISBON-BERLYN.—"A cable has been received from the manager giving the following results for the month of June:— 'Milled 1724 tons (of 2000 lbs.). Recovered 108 ounces. Tailings treated by cyanide 1850 tons (of 2000 lbs.) Recovered 583 ounces. Total recovered 691 ounces. Total recovered 691 ounces. "MARBELLA IRON ORE.—The directors have received the following telegram from the mines:—"Output of ore for June 1207 tons."

MOSMAN,—The directors have received the fellowing cable—"Mosman, and liabilities of Jackson Goldfield out today to the company's manager at the mine."

gram from Charters Towers:—"Have crushed during the fortnight 155 tons of quartz from the Wyndham shaft for 247 ounces of gold. The approximate value of this return is £850." MESQUITAL DEL ORO.—The following cablegram, giving the result of the June mill-run, has been received from the mine:—"50 stamps ran 629 hours (26 days 5 hours); quantity of ore crushed 2,940 tons, bullion produced at clean-up 725 ounces, valued about £2612."

MYSORE GOLD —A talagram from the mine gives the

ounces, valued about £2612."

MYSORE GOLD.—A telegram from the mine gives the return of gold for the month of June as follows:—4875 tons of quartz produced 4429 ounces of gold; 1240 tons of tailings produced 262 ounces of gold; 1644 tons of tailings (cyanide process) produced 365 ounces of gold; total production for the month, 5056 ounces of gold. The production has fallen off from the scarcity of water.—Office note. A further telegram has been received from the mines stating that the mills are at present idle from want of water, there being only sufficient for mining purposes.

MYSORE REEF (KANGUNDY) .- The directors have remisone reserving the mine, dated July 4, giving last month's return of gold as follows:—"186 tons quartz crushed has yielded 236 ounces of retorted gold. The bottom of mine wid h of lode 3 feet, assaying 3 ounces 6 dwts. per ton."

MYSORE WEST AND MYSORE WYNAAD CONSOLIDATED Rould block The mining memory apparent but telegraph.

DATED. —Bank block. The mining manager reports by telegraph this day as follows:—"The mill ran 666 hours and crushed 410 tons of ore, which yielded 291 ounces of gold."

tons or ore, which yielded 291 ounces of gold."

NUNDYDROOG.—The directors have received a telegram from the mine giving the return of gold for the month of June as follows:—"2750 tons of quartz produced 3075 ounces of gold, 625 tons of tailings produced 426 ounces. Total production for the month 2011 counces of gold."

negotia, 23 tons of tallings produced 120 ounces of gold."

NEWHOUSE TUNNEL.—The following cable has been received, dated Denver, July 3:—"The tunnel has been driven during June 150 feet, working one shift for 24 days."

NEW OUNCEST The directors of the following the

NEW QUEEN.—The directors have received the following cablegram, giving result of crushing for the week ending June 29:—"148 tons yielding 610 ounces gold. This is final for the half-year. Mill stopped for boiler to be cleaned and repaired. Have drawn on you for £600."

NEW CHIMES.—The result of last month's crushings yielded 2082 grains of gold.

NEW PINOS ALTOS.—Bullion shipped for five weeks ended 22nd ult. \$55,000, expenses \$38,465.

NINE REEFS.—The directors have received a telegram from the mine dated July 3, giving last month's return of gold as follows:—"350 tons milled yielded 133 ounces gold."

OREGUM.—The directors have received a telegram from the mine, dated July 3, giving last month's return of gold as follows:—"4540 tons of quartz produced 5049 ounces of gold, 4887 tons of tailings produced 963 ounces of gold. Total production for the month 6012 ounces of gold."

ORION.—Result of last month's rushings yielded 1300 ounces of gold from plates, and 2350 ounces from tailings. NEW QUEEN .- The directors have received the following

gold from plates, and 2350 ounces from tailings.

ORITA.—The directors have received the following cable-

gram from their superintendent relating to run No. 86:—"We have cleaned up £200. We have had various hindrances in working during this run."

PESTARENA UNITED.—Gold return for June 627 ounces

om 507 tons, equal to 1 ounce 4 dwts. 17½ grains per ton.

STANHOPE.—Last month's crushing yielded 1150 ounces.

SUTHERLAND REEF.—June crushing return is as follows:

"20 stamps ran 28 days 20 hours crushed 1821 tons producing

504 ounces bullion (estimated value £1980) estimated expenses £1900."

SPITZKOP FARM.—The following cable was yesterday re-e-ived from the manager:—"June amount of ore milled 850 tons of 2000 lbs. 112 ounces, mill, cyanide 108 ounces,"

tons of 2000 lbs. 112 ounces, mill, cyanide 105 cunces.

SHEBA.—The following cablegram has been received from
the general manager for the month of June:—"740 tons of ore
crushed, yield 542 ounces; 2900 tons of tailings treated, yield
870 cunces; 22 tons of concentrates assay value 87 ounces;

SOUTH LUIPAARD'S VLEI .- The following telegram has SOUTH LUIPAARD'S VLEI.—The following telegram has been received from Johannesburg:—"Bothas reef at 550 feet assays 13½ ounces. Fern reef still improving, assays 2 ounces; stratification unbroken; regularity proved by strike in neighbouring mine at 450 feet."

SPRINGDALE.—Gold standard at the bottom of the shaft 2 ounces 10 dwts. per ton gold."

ST. JOHN DEL REY.—The following telegram was received from Mr. Chalmers on the afternoon of July 3:—"Produce for the month of June 30,500 oitavas, equal to 3516 ounces troy; value £11,319. Yield per ton 7:1 oitavas (8184 ounce troy)."

SUTHERLAND REEF.—The following cable has been received from the mine:—"Crosscuts have been driven in both the east and west levels at 210 and 310 feet. Stephens made a mistake. Have now cut the lode in both levels both east and

mistake. Have now cut the lode in both levels both east and west. The mine is getting richer as depth is obtained." According to mail advices, dated June 6, the winze was then down 45 feet below the 310 feet level

45 feet below the 310 feet level
TOLIMA.—The following cablegram has been received from
our mines:—"Estimated profit for June over £2000." In he
above return silver is valued at 33d. per ounce (fine silver).
TWIN LAKES PLACERS.—The manager reports the
following results for June:—"Cubic yards of gravel washed,
170,000; square yards of bedrock exposed, 19,000; square yards
of bedrock cleaned, 18,000. Estimated value of bullion pro-\$11,800."

VICTORY.—With reference to crushing, cable received states:—"On account of holidays do not intend to clean up until July 10."

VICTORIA GOLD MINING ASSOCIATION (CHARTERS TOWERS).—The following cablegram was received on the 3rd inst.:—"Fortnight's crushings 282 tons, yielded 531 ounces gold, and from new development 90 tons yielded 314 ounces gold, total 845 onness.

WORCESTER.—Result of last month's crushing yielded 2124 ounces of gold.

WAIHI.-Bullion return for 28 days ending June 29, £9200 from 2950 tons.

WAIHI SILVERTON EXTENDED .- The following cableram is to hand from the mine:—"Ore from winze shows free old, average assays from the lode give £9 10s. value per ton." Cable news is to hand that the shaft is free of water, and that the crosscut is 50 feet from the shaft. A winze is being sunk, and also a 20 stamp mill is in course of erection.

WENTWORTH GOLD FIELDS PROPRIETARY .-

The Lists of Applications for Shares will OPEN TO-DAY (Saturday), and OLOSE at to m. on TUESDAY (9th July) for Town, and on WEDNESDAY (10th July), at near, for the Country.

OLOSE at 4 pm. on TUESDAY (2th July) for Town, and on WEDDAY (10th July), at neon, for the Gountry.

HODESIA, LIMITED

OAPITAC, \$220,000, in 200,000 Shares of £1 each.

Of which 40,000 are to be allotted to the Vendors as part of the purchase money, and the remaining \$5,000 are now offered for subscription at par, payable 2s, on application, 3s, on allotment, and the balance in calls not exceeding 5s, each, at intervals of not less than two months.

DIRECTORS

Sir George W. R. Campbell, K.O.M. G., 50, Ornwall Gardens, S.W., Deputy Chairman United Rhodesia Gold Fields, Limited,

Sir Charles W. F. Craupung, Bark., 10, Warwick Square, S.W., Director West Australian Gold Fields, Limited,

Limited,
ARCHIBALD GROVE, Esq., M.P., Kensington Palace Mansions, W.
W. Norrus, Esq., F.G. 18, St. Swithin's Line, E.C., late Government
Engl. eer, Cape Colony and Nata!,
R. J. PRICE, Esq., M.P., 104, Soune Street, S.W., Chairman Goleonia Mines,
Limited.

LOCAL BOARD IN SOUTH AFRICA.

B. MARSHALL, Eq., Johannesburg, Mamber of the Local Committee City and Sulveban Gold Mining Company, Limited, Director Eastleigh Mines,

Limited.

John A. Rouer, Esq., Johannesburg (Messrs, Parker, Wood, and Co.), Local Director Durban Roodepourt Gold Mining Company Limited.

W. St. JOHN Card, Esq., Johannesburg, Amber of the Committees of the Johannesburg Stock Exchange and Chamber of Mines, Director Wemmer Gold Mining Company, Limited.

D. Treir Laing, E. q., General Manager of the Composited Belling w. Doze oping Company, Limited, late Manager of Lung's Matabeleland Syndicate, Limited.

Limited.

BANKERS.

THE COMMERCIAL BANK OF SCOTLING, Limited, 6', Limbard Street, E.C.; Read Office, Edinburgh; Glasgow, and other Branches in Scotland, Bank Of Africa, Limited, 112, Cannon Street, E.C.

London-Messrs. Hullams, Soss, Oward & Hawksley. Mineing Lane, E.C.
Glasgow-Messrs. J. M. Taylor & Foulis, 130, St. Vincent Street, Brock Exchange.

Consulting Engineers—Messrs. Banneringer, Seymour & Co., 13, St. Helen's Place, London-Messrs. Mann, Wrights, Sown & Co., 31, Mineing Lane, E.C.
Glasgow-Messrs. John Mann, & Son, O. (A., 138, St., Vincent Street, Secretary And Offices (pro ton); B. F. Masterton, Winchester House, E.C. (O Staircase).

ABRIDGED PROSPECTUS.

This Company is formed for the purpose of prospecting, acquiring, developing and generally dealing with, mining, land, and either properties in South Africa, and particularly in the territories of the British South Africa Com-

Into Company is formed for the purpose of prospecting, acquiring, deaving-ing and generally dealing with, mining, land, and other propose is in South Africa, and particularly in the territories of the British South Africa Company.

Population is flowing into the country, as is evidenced by the settlement and rapid growth of such towns as Buluwayo, Saliabury, Untail, &c. Gold mining, and other properties are being opened up and worked, over 60,000 claims having already secured the following properties, which the directors believe to be of great present and prospective value, viz.:—

26 freehold town stands, and one-half undivided interest in three additional stands, all situated in or near the contre of Buluwayo. Substantial buildings have been erected on one of the sites, and iron erections on two of them, and these sites, with others let to tenants, already yield a rent of over £178) jet annum, while offers of good rents have been declined for many of those remaining. Mr. Glass states that the present letting value of the whole of the stands, without further outlay, is about £2000 per annum.

33 freehold farms in Matabelsand, compri ing in all about 200,000 acres, or about 310 square miles. These were all located soon after the occupation of the country, are within easy distance of Buluwayo, and near the principal roads through the country. The land is well watered and extendively timbered, and is suitable for cattle breeding and agricultural purposes.

Queen's Extension—58 Gold Mining Claims situate in the Burberi district, about 30 miles from Buluwayo, forming the extension of the "Queen's property, belonging to Willoughby's Onnolidated Ompany (Limited).

Mr. H. B. [Marshall, cabling with reference to the "Queen's Extension," the Value of the stands, and the suitable for cattle breeding on a gricultural purposes.

"Reef varying from 2 feet 6 inches to 3 feet 6 inches. There are 4 shafts on the Mine. 35 feet. Reef, in panning out, visible gold is seen.

In an interview with Mr. D. Tyric Laing, published in So

(a) Criterion Reef. &c., situated about 8 miles south-east of Buluwayo—40 claims, namely, Criterion Reef 25 claims, Algoa Reef 19, and Matabel Reef 5. Respecting these Mr. Marshall supp lies the following information by oable-grain.

"Very extensive old workings. Developments, 17th December, show there are three shafts sunk on the vein varying in depth from 20 to 50 feet. Reef 6 feet wide, and assays 40 unness 10 dwire, per toos. A true fissure vein. Since then further development of the property has been done. Developments will place at our disporal a valuable tody of high grade ore. The following is taken from South Afric of date January, 1895:—

"The following is taken from South Afric of date January, 1895:—

"The following is taken from South Afric of date January, 1895:—

"The ment will place at the 50 feet baft are described as simply full of crystal-lised gold."

(a) Umtohabese, &c.—235 claims, referred to in cablegram from Mr. Marshall as follows:—

"I am offered 20 claims as follows:—Umtohabese, 50; Anniversary, Ladyreef, Lady Parallel, Riverside, Guilyreef, 10 each; Peregrine, 20; Lungion, 2); Tull River, 35; Malame, 25; Gwanda District—Mr. O. J. Therenon Clark reported upon—a very favourable report. Mapounds, 25; Umzingione District,"

(c) Belingwe Claims (40 claims).—The following is from a cablegram from Mr. Marshall:—

"Belingwe consists of Golounds." Very extensive old workings, Very promising quarts, panning 8 to 15 dwts, per too. "Cure' also in the old workings to the extent of six claims, two parallel lines, 50 yards apart, pannings give excellent results—assays 60 ounces per ton. If we can only prove very lew claims, value would be intenses. Form diolite. Reefs in well-defined walls. Best facilities exist for working the ore cheaply. Water pientiful. Plentiful supply of timber."

All the properties before enumerated are held subject to the regulations of the British South Africa Company.

It is expected that some of the properties above referred to will be floated on the London Market at an

expressing the opinion that handsome dividends will accrue to the shareholders.

The consideration to be received for the above-mentioned properties and options by the vendors, who have disbursed large sums in acquiring and h Iding them, is £40,000 in fully-paid shares at par, £10,000 in cash or fully-paid shares at par, £10,000 in cash or fully-paid shares at par, expertly in both, at the option of the Directors, and £32,0° in cash. The Oumgany takes over certain obligations which will have to be satisfied on the options acquired being secoled. The vendors further reserve to themselves the option of subscribing in cash for £0,000 shares in the capital of the Company, as to 30,000 shares before 21st December, 1805, at 22s, £6, per share, and as to 30,000 shares before 21st December, 1805, at 22s, £6, per share, and as to 50,000 shares before 21st March, 1893, at 25s, per share. The vendors will, out of the purchase money, pay all preliminary expense up to allotment, but not the cost of registration of the Company.

The only contract entered into by the Company is an agreement, faced 4 if July, 1895, and made between C, G, Giase, of the one park, H. B. Marchall, while agents Morison and Marshall of the second part, the said Morison and Marshall of the second part, the said Morison and Marshall of the third part, all as Vendors; and Ehodesia (Limited), of the fourth part.

Certain agreements and arrangements have been entered into as to the

Gurth part.

Certain agreements and arrangements have been entered into as to the formation of the company and the subscription of its capital, to none of which the Company is a party, and applicants for shares will be deemed to have notice of the contents of these, and to have waived their right, if any, to particulars thereof, or to specification of the agreements under which the properties and options have been secured, whether under Section 35 of the Companies Act, 1867, or otherwise. Applications for shares should be made on the form accompanying the Prospectus, and re-arded to the Company's Bankers, together with a remittance for the amount payable on application. Prospectuses and forms of application may be obtained from the Bankers and Brokers, and at the Office of the Company.

THE PERMANENT NITRATE COMMITTEE.—Public Statistica, Circular, July, 1895: Nitrate of Soda: 1. Total exports to Europe June, 1,764,000 quintals; loading for Europe, July 1, 1,142,000 quintals. 2. Imports, Europe, June, 66,620 tons. 3. Deliveries in Europe, June, 44,240 tons. 4. Visible supply, Europe, July 1: Stocks and affoat, 309,200 tons.

ACCORDING to Invention, gold is extracted from auriferous ores by a new process, which has been invented by Mr. C. Lorsen. He electrolyses a solution of bromide of potassium, and thereby: He electrolyses a solution of bromide of potassium, and thereby obtains an alkaline solution which contains hypobromide and bromate, which is capable of dissolving gold. The ore is treated with an excess of this solution by rotating cylinders. The solution is then filtered, the gold precipitated by passage over a mixture of iron and coal, and the solution, which now contains I romide of potassium mainly, is again used for extraction after being once more electrolysed JULY 6, 1895.

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THE COPPER AND TIN DEPOSITS OF CHOTA-NAGPORE, BENGAL, INDIA.

By ROBERT OATES.

(Consoluded from page 767.)

ORK was commenced in April, 1891, by the writer, and the buildings put into order. He decided to abandon the ancient workings, leaving a barrier of sufficient thickness between the old and new workings, and to sink two shafts so as prove an extensive area of the formation. After carefully examining the estate two sites were selected at the extreme ends of the estate—viz., Rajdoha and Rakks, thus dividing the properly into two sections.

between the old and new workings, and to sink two shafts so as a prove an extensive area of the formation. After carefully examining the estate wor sites were selected at the extremends of the estate—viz., Rajdoha and Rakka, thus dividing the properly into two sections.

The shaft at Rajdoha, owing to its position in reference to the old workings, would require to be carried down to a vertical depth of 350 feet to meet with the main bed (worked by the ancients). The shaft at Rakka, owing to a more favourable angle of the dip, and being placed at a nearer point to the old workings, necessitated a depth of 203 feet to prove the same deposit. Ultimately, efforts were concentrated on the shallower shaft at Rakka. The amount of work done at Rajdoha was as follows:—A circular shaft was commenced 17 feet in diameter, and reduced to 14 feet at 56 feet, where the solid ground was reached. This portion was bricked to a height of 6 feet above the surface, so as to allow of the tipping of débris. At a depth of 30 feet wa'er was first met with, and became a scrious obstacle to the further sinking owing to want of pumping machinery. To remove the water and sinking stuff women were employed in eight hour shifts until pumping engines were placed out and west of the shaft. At a depth of 48 feet, copper pyrites was found disseminated through the country rock (a slatey blue schist). Copper pyrites in apots, strings, and bunches continued until at 130 feet large bunches and strings of copper pyrites were found thickly mixed with the schists, and especially in segregated masses of quartz. At this point work was suspended.

The shaft at Rakka was commenced of the same dimensions as the one at Rajdoha, and after reaching a depth of 51 feet was reduced to 14 feet in diameter and bricked to the surface The first signs of ore (sulphide) were met with at a depth of 21 feet, and from this point to a depth of 76 feet, when a cross-summated mass of ore ground, which would away about 1 per consent was division a few feet to the south, and si

After the formation of the Barganda Copper Company to the analysis of the deep.

Further sirking was then supporded, and work confined to the standard of the deep.

Further sirking was then supporded, and work confined to the standard of the standard of

or ne s per ten; and gold, sil. (2) Copper, 5-8 per cent.

Picked Ore from Main Bed.—249 bags (10 tons) of copper ore shipped from Calcutta in 1892: Copper, dry assay, 18# per cent.

1110 bags (60 tons) of copper ore shipped in Calcutta from 1808.—25 copper. 1893 :- Silver, traces; go'd, nil; copper, dry assay, 134 per

					Tield. Grains
Decembe	er 16		 	 	4
,,,	17		 	 	- 1
9.0	18		 	 	17
99	19		 	 	14
**	20		 	 	1
**	21		 	 	14
	PET	ntal			63

Total

The amount of alluvial dealt with was a ton or thereabouts per day, so that this produce represented an average yield of about 1 grain per ton. Some of the float gold was lost. The above result, at any rate, precludes any attempt to carry on successful alluvial gold mining in this ar-a. There is a possibility that gold may occur in the quartz reefs which are supposed to exist in the gueissic area to the south of the submetamorphic rocks.

posed to exist in the gueissic area to the south of the submetamorphic rocks.

Labour.—This consisted, for the most part, of Santals (Abbrigines) and Bengalis. They are quick to learn, and would become a very useful class of mners if they would only attend regularly at work. Native festivals, which are of almost weekly occurrence, are the curse of the country. On these occasions the workmen leave without the slightest notice, regardless of the well-being of the company. By this means progress is slow, and the patience of the management often completely exhausted. It will be a fortunate day when the Government will step in and afford the mineowners protection from such conduct. Regular attendance will not only ben-fit the country, and increase its production, but will be an incalculable boon to the native, and enable him to indulge in many luxuries that this hand-to-mouth policy prevents, and keep him out of the hands of the money-lenders who is always on the alert to secure his house and chattels. A great deal of patience and firmness was necessary to train raw villagers to the use of the hammer and drill.

Baragunda Copper Mine.

Baragunda Copper Mine.

Baragunda Copper Mine.

This copper mine is situated 24 miles south-west of the Gridih station of the East India Railway, in the Palgunj estate in the Hagaribagh district. Giridih is the t-runinus of a branch line, and serves the East India Railway, Bengal, and Equitable companies, which are working mines in the Kurhurbari coalfield. Gridih is about 203 miles from Colcutts. An excellent Government road runs from Giridih to within 5 miles of the copper mine, at which point the company's road leads to the mine. The only obstruction on the Government road is the River Barakur, which is not bridged, and here the copper company have an axial rope tramline to convey the ore to Giridih to be smelted, and coal to the mine during the rainy season.

The ore was transported by these people to the village of Jercedee some 2 miles east of the mine, and here immer se heaps of slag testify to the amount of work accomplished. The opencast workings are respectively 1400 and 1000 feet in length, with walls on either side, and 120 feet in width at some points. Between the two basins is a mass of unproductive matter which has never been examined in depth. According to the name of the place, it would appear that 12 mines existed here, because Bara means 12, and Sunda or Khunda, pits or workings; but at the present day the character of the place is changed, which is no wonder, after such a lapse of yoar, and the only remains are these two large open-cast basins. The ancients had reached a depth of 120 feet, because earthern pots w-re found, evidently us-d for the removal of water. There does not appear to have been any attempt at underground mining, and the ore ground would be removed, probably, in steps.

After the formation of the Barsgunda Copper Company in 1882 five shafts were gradually opened out on the back of the deposit—four in the larger and one in the smaller basin. The western shaft became the despest point, reaching some 330 feet in depth. From this five levels were opened out, and gradually communicated with the other

innumerable slickensides, one can so reely credit that over-head stoping would be attempted with such unskilled labour as that of the native miner. Hundreds of tons fell away and filled the lower levels. Timber, which is not of the best, but the only material available, was used to keep the stopes open, their stopes being as much as 22 feet wide at different points, whereas judicious filling would have made the mine much more secure and chearly worked in the long run. The own, when broken, was handled three times. After being automatically filled into wagons below the stopes, it was unloaded at the mouth of the lavel, and leaded into kib'der, unloaded at surface into wagons, unleaded into ore-bins, and loaded again, and unloaded at the mult. If the shafts (two would have been annels) had been Sample of Thick Stringer of Copper Ore from 204 Feet Lovel;—Copper, wet assay, 29.32 per cent.

Sample of copper ore found in 233 feet level south cros-cut wis analysed as follows:—Copper, 11.20; cobalt, 39; iron, 30.45; sulphur, 19.77; silica, 24.45; alumin. 2.50; magnesia, 4.24; oxygen, water, alkali, gold, and silver, 70

Picked copper craftent is main bad had the following composition:—Copper, 15.5; iron, 3.25; silica, 21.00; sulphur, 21.50; alumina, 2.60; phosphorus, 3.25; lime, 3.30; magnesia, 2.00; alumina, 2.60; phosphorus, 3.25; lime, 3.30; magnesia, 2.00; nickel and cobalt, 1.20; silver, 0.004; water, 1.35; total, 98.154

Palgunj Gold Prospecting Syndicate.

The estate of Palgunj, of which Beragunda formed a smal part, can be conveniently approached at all points from Gridih. The total area is 400 square miles, and extends about 20 miles south of the Berakur river, and from Narungo about 20 miles east along the southern bank of the same river. The writer prospected over about half of this estate during three months of 1801

G-ology.-The formation on the south and north consists of G-ology.—The formation on the south and north consists of bedded gneiss. It is occasionally cut up by segregated and vein-like masses of quartz, small hills of basalt and trap dykes. The centre, in which the Baragunda copper mine occurs, is a wide belt of schistose rocks, which extend east and west throughout the Palgunj estate. The whole of this area has been violently upheaved from the south, so that the gneiss and schistose rocks are in a perpendicular position. One of the results of this severe disturbance is Parasnath hill, which is composed entirely of contorted gneiss. North of the schistose belt the gnei-s has been elevated from the west, and has a gentle inclination of 26° to the east. This dip of the gneiss in this northern division can be traced for several miles east and west of Narungo river. The the east. This dip of the gneiss in this northern division can be traced for several miles east and west of Narungo river. The metalliferous deposits over this area have in every case the character of beds, and lie along the bedding of the rocks, the whole being evidently the result of tranquil deposition during the building-up of the formation, and before the upheaval and intrusive action of igneous matter. In some localities the goeiss locks like pagmatite, while in other localities it takes the form of graphic-granite, where the arrangement of the crystals are transverse to the laming. The gneiss in depth alters to a granitoid nature.

granitoid nature.

The results of limited prospecting were not encouraging, and it appeared doubtful whether works ble deposits existed east and west of Barsganda; if so they must exist below the unproduction of the control of the tive surface rock.

A TELEGRAM from Barraba forwarded to the Bingara Telegraph, says:—"McKenzie and McNa'r, of the Dodger Claim, cleaned up from their first crushing of 3 tons for 57 ounces of gold. The Try Again crushed five tons of refuse for 2 ounces per ton. Fady and Johnstone are still on payable gold, and their prospects are improving. On the whole, the prospect of the field is good, but water is very scarce."

BRITISH SOUTH AFRICA COMPANY.

19, St. Swithin's Lane, London, E.C., 3rd July, 1895.

SIR, — Shareholders will remember that at the Meeting of the Company, held in January last, Mr. Rhodes expressed an opinion that there was no necessity for the Company to increase its Share capital. Within the last six months, however, the money markeds have greatly improved, and inducatial Shareholders and financial supporters of the Company have urged upon the Board that advantage shoul I be taken of this improvement to increase the Share Capital of the Company, so as to provide funds for the redemption of the Company's Dehenture debt, and to enable the Company to assist and accelerate the development of the country by directly promoting Railway and other enterprise.

After mature consideration and communication with Mr. Rhoder, your Directors have determined to submit the Resolution referred to in the annexed notice for increasing the C mpiny's Share Capital by the issue of 500,000 new shares of £1 and, which will rank in all respects with the ex sting capital of 2 000,000 Shares.

These Shares will be offered at 70°, per share (or a premium of £2 104) pro rata to those helding Shares in the Company (whether whether registered or bearer) on the 6th July, 1895.

Shareholders wil', therefore, be offered one Share fer every four Shares held.

A Content has been entered into with a strong group of financiaris. 19, St. Swithin's Lane, London, E.C., 3rd July, 1895.

on or before THURSDAY, July 11, 1895, for the purpose of identification, to enable the offer of new Shares to be made. The Share Warrants must be secompanied by a letter giving the distinctive number of each Share Warrant, and the full name and address of

Holders in France of Share Warrants must deposit them under the same conditions with the Imperial Ottoman Bank, 7, Res Meyerbeer, Paris, on or before the same date.

HERBERT CANNING, Secretary.

19, St. Swithin's Lone, London, E.C.

A CCOUNTANT and SPANISH CORRESPONDENT WANTED, A to proceed immediately to a Mine in Mexico.

Wille, stating age, exercises, qualifications and references, to

MEXICO, care of J. W. Viekers, 7, Nicholas Lane, E.C.

C. PASS & SON (Limited), BRISTOL,

LEAD ASHES, SULPHATE OF LEAD, LEAD SLAGS, ANTIMONIAL LEAD, COPPER MATTE, TIN ASHES, &c. and DROSS or ORES containing

TIN, COPPER, LEAD, AND ANTIMONY.

HENRY WIGGIN & CO. (Limited), NICKEL AND COBALT REFINERS, MAKERS OF BEST RED LEAD FOR FLINT GLASS MANUFACTURERS,

BIRMINGHAM.

LAMBERT'S WHARFAGE CO., PRINCE OF WALES DOCK, SWANSEA

Ores, Mattes, Regulus, and Bars received and prepared for market. Copper, Lead, Tin, Spelter, and Pig Iron Beceived, Weighed, and Sampled, and Warrants issued against same.

-Warrants are on Accepted List of London Metal Exchange. Regular lines of steamers from America, Europe, &c. Consign goods to Lambert's Cranes, Prince of Wales Dock, Swansea

THE BUTE WORKS SUPPLY COMPANY

133, BUTE DOCKS, CARDIFF.

Telephone: No. 45 (Post Office and National).

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RAILWAY WAGONS (New and Second-hand) for Cash,

Bedemption Purchase, or Simple Hire. Full particulars on appli-

EARTH WAGONS.—75 side and end tipping, 30-inch gauge, new frame, and new tops, STEEL wheels and STEEL axles, £5 each, f.o.t. Cardiff.

RAILS .- Bridge, Flange, Double Head, and Bull Head, with or without fastenings

SLEEPERS. - Wood and Steelifor all gauges.

LCCOMOTIVES.—Six wheels coupled, by Manning, Wardle and Co., 12 inches by 17 inches, now at Cardiff; also six wheels coupled, by Avonside Engine Company, 14 inches by 20 inches, now near Cardiff; also six wheels coupled, by Sharp, Stewart, and Co., 17 inches by 24 inches, now near Cardiff; all recently thoroughly overhauled, and ready for instant work; cheap for cash, or three years' redemption purchase.

PACIFIC MINING AGENCY AND TRUST COMPANY.

A Corporation organised under the Laws of the State of California CAPITAL STOCK, £50,000. BOARD.

IRWIN C. STUMP (Chairman) Manager of the Estate o the late

U.S. Senator Hearst.

IRVING M. SCOTT, Manager Union Iron Works.

JACOB H. NEFF, President California Miners' Association,
P. N. LILIENTHAL, Manager Anglo-California Bank (Limited).

W. F. GOAD, Vice-President, Wells, Fargo, and Co.

D. M. BURNS, Capitalist.

D. M. SUKYS, Capitalist. B. C. CHAMBRBS, Manager Ontario Mine, Utab. WILLIAM C. RALSTON, Secretary (Secretary California Miners

Association),
BANKERS—The ANGLO CALIFORNIAN BANK (Limited).
HEAD OFFICE — MILLS BUILDING, SAN FRANCISCO, UAL.

THIS COMPANY sells Mines, Mining Claims, Ditch Properties, and Water Rights on COMMISSION, and will act as Agent and Broker for the Sale and Purchase of such Properties.

It is intended to conduct the Purchase and Sale of Mining Claims,

Ditch Properties, and Water Rights on the same basis as a real estate

Ditch Properties, and Water Rights on the same basis as a real estate transaction.

The Company is prohibited by its Articles of Incorporation from buying or selling on its own behalf, or except upon commission, or as agent or factor for others.

The buyer pays no fees whatever, and there is no incentive to advance the price beyond the original figures at which the price and commission have been agreed upon with the seller.

It is not intended only to negotiate the sale of an entire property but interests in such may be sold or money obtained for development work. This Company especially solicits the business of making reports or examinations for non-resident mine owners on any of their mines in the United States, and obtaining special information as to their condition and so forth (said reports being confidential).

Those who conduct the business of the Company have had long experience in mining operations, and it is their intention to place the Company in a position to inspire the confidence of all who seek its assistance in its integrity and fair dealing.

We respectfully refer to any Bank in the City of San Francisco and to the Anglo-Californian Bank (Limited), London, as to the standing of the Board of Directors of this Company.

Descriptions of properties for sale with maps, reports and all necessary information, are left on file in the office of the Company.

Abstracts of such reports with prices of mines will be furnished pon application.

California has produced £267,000,000 in gold, and is still producing £2,680,000 a year. There are thousands of claims requiring capital for development. In other Pacific Coast States and Territories there are abundant opportunities for investment in mines of gold, silver, copper, lead, ocal, and so forth. Information concerning these will be furnished by this Company on application.

This Company will also furnish competent engineers, superintendents, foremen, miners, millimen, assayers and others connected

copper, lead, cosi, and so lotte. Information concerning these will be furnished by this Company on application.

This Company will also furnish competent engineers, superintendents, foremen, miners, millmen, assayers and others connected with the mining industry on application, furnishing their references and so forth.—Cable Address, "CHAPIN," San Francisco.

PRINTING.

We are prepared to Compose, Stereotype, and Print Papers Pamphlets, &c., in the most expeditious manner, and give is being made quietly and unobtrusively, but, nevertheless, correct.

Special Attention to Printing required on the formation of steadily, towards placing our knowledge of South African geology New Companies, including :

PROSPECTUSES, DIVIDEND WARRANTS, ANNUAL REPORTS, BALANCE-SHEETS, DEBENTURE AND SHARE LISTS, &c., &c.

Every kind of Commercial Printing Executed with Dispatch.

ESTIMATES FREE.

"THE MINING JOURNAL, 18, FINCH LANE, LONDON, E.C.

The Mining Yournal, RAILWAY AND COMMERCIAL GAZETTE:

An Illustrated Record of Mining, Metallurgical, Railway, Financial, Industrial, and Engineering Progress.

ESTABLISHED IN 1835.

THE MINING JOURNAL, RAILWAY AND COMMERCIAL GAZETTE, published every SATURDAY MORNING, price SIXPENCE, is recognised throughout the World as being the oldest, most influential, and most widely circulated Journal devoted to the interests which it represents. It circulates

ALL OVER THE WORLD,
Amongst Mine Owners, Capitalists, Investors, Mining, Metallurgical,
Railway and Mechanical Engineers, Railway Administrators, Manu-

factorers, &c. &c.

THE MINING JOURNAL, RAILWAY AND COMMERCIAL GAZETTE has correspondents and sources of information in almost every quarter of the globe. Its policy is absolutely independent; its circulation is cosmopolitan; and its literary scope embraces the entire field indicated by its title.

THE MINING JOURNAL is neither controlled, nor is any interest in it held or exercised, by any mine owner, speculator, or syndicate; and it is in no may connected with any share-dealing agency.

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had on application.
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Editorial and Advertisement Offic 18, FINCH LANE, LONDON, E.C.

Telegraphic and Cablegraphic Address: "TUTWORK, LONDON." Codes used : " A.B.C.," Moreing's, and "University

CONTENTS

Of this Number of "The Mining Journal, Railway and Commercial Gazette," July 6. 1895.

NEW PATENTS	949	***	010	909	***	999		***	789
CONTRACTS OPEN	***	***	***	***	040	424	***		789
JOINT STOCK COMPAN	IES-	New Re	gistra	tions	***	0.00	***	***	789
PILBARRA GOLD FIEL	D. W.	A	***	***	***	***		***	790
GOLD MINING IN CHA	RTER	S TOV	VER6	099	109	099			790
ROYAL AGRICULTURA				LING	TON	***	100	143	791
MEETINGS OF MINING			8-						
Tati Concessions (000	***	000	0.80	0.00	***	791
Ceara Harbour, N					rters '	Lowers	Cons	oli-	
dated, American					***	***	***	***	792
Simmers Gold, Re							949	***	793
Bonnie Dundee G								003	794
Nine Reefs Gold I						lonial	Bank	***	705
Mount Margaret	Rewar	d, Cent	tral Ct	ili Co	pper	***	***	***	796
New Pinos Altos			South	SWAZ	iland (Pold	000	***	797
PROVINCIAL SHARE M	ARKE	T8	144	***	000	010	044	101	797
LATEST FROM THE MI	NES:	Cablegi	ams a	nd Te	legran	ns		***	798
COPPER & TIN DEPOSIT	S of C	HOTA-	NAGI	PORE	BEN	GAL, I	INDIA		799
LEADING ARTICLES-									
The Band Congion					***	***		***	800
Pigg's Peak, Golde		w Zeala	nd, A	Warn	ing	099	969	***	80
NOTES AND COMMENTS	3	***	***	***	999	003	0.00	***	801
THE MINING MARKET	099	***	***		0.00	453	***	100	802
COMPANY FINANCE	010	***	***	***	***	***	***	***	802
NEW ISSUES	0.99	***	***	***	***	***	***	***	8G3
THE METAL MARKETS- The London Metal	Mark								803
			* * * * * * * * * * * * * * * * * * *	050	***	0.08	01.0	***	-805
"THE MINING JOURNA		LARE	LIST	***	489	0.0-8	***		806
METAL TRADE STATIST		010	***	000	010	000		***	
SIDE LIGHTS ON THE		***	***	410	000	0.00		093	807
MINING IN CORNWALL	AND	DEVO)N	***	090	***	***	***	207
CORRESPONDENCE	010	449	020	***	030	***	***	090	807
REPORTS FROM THE M		449	*09	000	000	***	***	010	807
ON DEEP MINING IN M.			***	***	***	***	0.09	010	810
MINING NOTES FROM	JOHA	NNESE	URG	***	***	0.00	***	***	811
TIN TICKETING	***	***	***	***	***	***	***		811
METAL CIRCULARS	***	***	0.99	999	0.00	***	***	020	812
ADVERTISEMENTS-(See	Index	to Trac	da Adv	ertise	ments,	p. 786).		
							-	_	=

LONDON: JULY 6, 1895.

THE RAND CONGLOMERATES AND THEIR GOLD.

THE interesting paper by Mr. DRAPER, which we have reproduced in the last two numbers of The Mining Journal, and which, under the modest title of "The Rand Conglomerate," really gives a brief but comprehensive sketch of the geology of the whole of Southern Africa, merits more than ephemeral attention. Much has been done in this direction in recent years, and good progress steadily, towards placing our knowledge of South African geology upon a really sound footing. Of all recent writers upon the subwith Dr. Schmeisser, whose work, published last year was, perhaps, given by him of the Rand conglomerate has not yet been surthe positions in which we find them to-day. It is a most so enduring and, therefore, so profitable to those engaged in it, happy augury for the future of Johannesburg that as one that rests securely upon a firm scientific basis.

we find that the men engaged in developing its auriferous resources are not above busying with an earnest study of the scientific aspects of the subject in their most intricate theoretical ramifications, and it really seems almost a piece of the irony of fate that the study of the geology of the whole of South Africa should radiate from the gold-bearing conglomerates of the Rand, the discovery of whose valuable contents was made in defiance, it may be said, of all then received geological opinions, which would have pronounced these strata unworthy of being even tested for gold by a geologist, so that this discovery was left to blind chance, and to the idle curiosity of an ignorant man.

Of late years, however, the value of geological studies has been fully recognised on the Rand, and it has become evident that the highly important questions of the permanence in depth of the banket beds and their valuable contents can only be solved by the application of closely-reasoned geological theories. On the first-named problem Mr. DRAPER has much to say; it is, of course, clear that the banket beds were originally deposited horizontally, the rocks from which the pebbles were derived not being known now on the South African Continent, and being probably submerged beneath the Indian and Atlant'c oceans. The question whether their deposition took place in akes or in the open ocean is not here touched upon; the bulk of the evidence seems to point to the former as the more probable, and it may be noted that the absence of fossils in these bads, the discovery of which alone could set the question at rest satisfactorily, to some extent supports the inland lake theory. This is not, perhaps, a point of much practical importance, but the mode in which the subsequent upheaval of the beds took place is one that has a far more direct practical bearing on the future of the Rand. Mr. DRAPER feels convinced that the beds were not deposited in a basin-like form, and on this point few geologists will be found to differ from him; but he also seems convinced that they were not upheaved into such a form, but that they were tilled into a series of synclinal and anticlinal folds, a great fault having thrown down the northern portion of the latter too deep for exploitation. This in itself is a conclusion which has an eminently direct bearing upon the future of this district as a gold producer, and we have no doubt that the opinions of one who has studied so closely the geology of this district will be estimated at their due value by all interested, including even the Stock Exchange, albeit the members thereof generally hold scientific theories in but light

The interesting question whence came the gold, and how came it into the banket beds is here barely touched upon. It is a well-ascertained fact, and one that has long been known. that the gold in the banket beds occurs not in rounded and waterworn granules, but in microcrystalline particles; indeed we believe that this fact was first published in our columns by Mr. HENRY LOUIS as far back as 1886. This mode of occurrence of gold proves conclusively that the gold was not deposited in the beds concurrently with the pebbles, and herein lies the main difference between the cement beds of California and the banket beds of Johannesburg, the latter type of formation being, we believe, confined to the African Continent, and known only in South Africa, and on the Gold Coast, where a similar deposit is being worked at Wassau. The gold in the banket beds must, therefore, have been deposited by chemical means from solution, either contemporaneously with, or subsequently to, the formation of the beds themselves, and cannot have been introduced mechanically, like the pebbles. Mr. DRAPER inclines to the former view, but we venture to think that the bulk of the evidence favours the latter, more especially when the mode of distribution of the gold is considered, for it is seen that the gold is most abundant where the texture of the beds is most open, and that its distribution is far more irregular than would be the case if the precipitation or crystallisation of the gold out of solution proceeded pari passu with the deposition of the pebble beds. Again these conglomerates must necessarily have been deposited in shallow waters, and we, ourselves, rather incline to PROSERNY'S views that gold is far more likely to have been deposited from the deep circulation of subterranean waters than in any other way. It is also, if not certain at any rate highly probable, that the silicious cement that binds the pebbles together, the pyrites, chlorite, and other accompanying minerals, were deposited as we now see them by the same solution as that which conveyed the gold.

Then Mr. DRAPER's further suggestions that the gold was contained in solution as a chloride will have to be abandoned. Gustav Bischof, and after him Professor Liver-SIDGE, have pointed out that a soluble silicate of gold exists, and that it is highly probable that gold occurs dissolved in mineral waters in this form. HENRY LOUIS has more recently suggested that gold probably occurs in solution in nature as an alkaline aurate, and its occasional existence as an alkaline sulphaurate seems to have been proved in America. There is, as a matter of fact, not very much essential difference, and little, if anything, to choose between these various theories, any one of which may be, and all of which probably are, in some instances

Perhaps a broad generalisation upon them to the effect that the gold was, in all probability, introduced by upwards-flowing ject, readers of The Mining Journal will, probably, be most familiar deep subterranean currents of alkaline waters, which carried also the other substances above referred to, and deposited them all the first to place a well-connected account of the succession of in the interstices of the pebbles of the conglomerate beds, seen a South African strata, and particularly of the gold-bearing beds to be the most feasible hypothesis that can be advanced. But, of South Africa, before us, whilst the lithological description however interesting these speculations may prove, we fear that there will always be a certain section of our readers who will passed, and is really so complete and exhaustive as to leave say that they are unprofitable, and that it is indifferent to them little, if any, room for further work in that direction. Mr. how the gold got into the banket. What they want to know DRAPEE's paper is more strictly a contribution to physical is how to get it out, and that promptly and economically. To geology, and deals especially with the important questions of these we can only reply that all these theoretical investigations how the various beds were formed, and how they came to occupy have their practical side, and that no industry is likely to be

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PIGG'S PEAK.

N the sense that all is well that ends well, the chequered career of the Pigg's Peak Company, inasmuch as it has issued successfully, is not, by any means, an unsatisfactory This euphoniously-named enterprise started, as everyone conversant with the history of South African companies is aware, somewhere about 1886, when, with regal munificence, the King of Swaziland granted a concession to the original vendor company, on condition of the payment of a few hundred pounds per annum into the treasure-chest of that dusky potentate. After a period not altogether free from vicissitude, the concern was eventually put into reconstruction about 12 months ago, at a time when the whole of its affairs were sunk into a state of hopoless despondency. In the pathetic language of Mr. RAIT "the creditors were unpaid, the debenture-holders held a prior charge on the property, and the shares were worth nothing." The latter phrase is, perhaps, somewhat of the language of hyperbole, because a reference to the file of journals shows that the Stock Exchange lists of this time last year give the shares at a quotation of 2s. 6d. But the difference between 2s. 6d. twelve months ago and £1 to-day is sufficiently marked to show very clearly that, according to the verdict of the Stock Exchange-for the most part a sensitive and reliable criterion of judgment-the affairs of the Peak are in a much more healthful and vigorous condition now than was the case this time last year. Mr. RAIT, at Thursday's meeting, enumerated with pardonable complacency the achievements of the board since their accession to office. "Since then," he said, "the creditors have been paid in full, with interest, the debenture-holders have been satisfied to the last shilling, and the £1 fully-paid shares have stood at 5s. premium." Setting aside for the moment details of the management of the company during the year, these broad results are eloquent in praise of the policy and action of the board, and go all the way to explain and justify the enthusiasm displayed by the shareholders at the annual meeting, and the something like unbounded confidence they were ready to repose in the management. The other matters which figured in the Chairman's speech, though relatively of minor importance, are certainly not unworthy of serious consideration. Mr. EDWARD C. DICEY, formerly in the service of the Crown Reef Company, has been appointed resident manager at the Pigg's implicitly relied upon because they are contained in the pages Peak, and a late communication from this gentleman brings the news that a "rich pocket" has been struck by Mr. Pigg upon his concession, a circumstance which suggests "enormous possibilities" in regard to the concession of the company. The question of the future working of the ore has not yet been definitely settled. It seems at present highly probable that the waterfall near the property may be made to supply sufficient power to meet all the company's requirements. A distinct of the companies themselves, and their insertion is obtained alvance would be made, should this turn out to be prac- in the editorial columns by payment, sometimes heavy paytical, both in economy and efficiency of the working. The present, by comparison with the position of the company a year ago, being thus favourable, it may be added that the future is in the journal to which he subscribes. As a matter of fact, it not without many encouraging indications. A considerable ad- may be that the company merely adopts the rapidly-extending dition has been made to the property of the company by the acquisition of some ground likely to prove valuable, and since in the news columns of these journals. We know, we regret to the date of the expiry of the concession granted by the Swaziland King is something like 30 years hence, there is not much over 100 newspapers in London and the provinces whose editors chance of the management getting to the end of their tether during the life of the present generation.

GOLDEN NEW ZEALAND.

S before we have more than once hinted, attention in London mining circles might, to all seeming, be profitably diverted in part to New Zealand, where a new epoch in gold mining appears to have been ushered in. Although the South African boom is still in its full force, there is room in opinion it is impossible to buy. London for a certain number of what may be called boomlets. that will lend all the advantages of comparison to the larger movement, at the same time that some additional outlets of minor magnitude are afforded to English capital. The gold capabilities of New Zealand, while they have not, as yet, received anything like an adequate recognition, or proof, are known to be great. It is by no means in vain that the field is known in this metropolis in connection with two successes of a very remarkable character, giving every sign of permanence in duration, as well as of substantiality in character. No sounder justification than this would be needed for the dispatch of a knot of experienced men, whose business it is always to be on the look-out for new undertakings, and who, probably, will have something more to tell us shortly of what the colony can do in the metalliferous Several highly promising districts have for some reason or another hitherto received the cold shoulder of the City financier; but the time of repentance seems now to have come, for we hear of several companies in course of formation, and of several proporties now made the subject of negotiation. One effect of the neglect has been to force the lating what he read, and of acquiring a grasp of opponents' industry, so far as it has developed at all, to grow almost excluthem up in their own way. But it is obvious that for the colony a good deal of outside capital and enterprise must be at command, and from all accounts this appears now to be coming to pass. The Coromandel, the Thames, and the Upper Thames are points where attention will probably first be directed. Whatever enterprises are now being profitably worked of a nation. from London are mostly situated there, and the hold of the London capitalist upon the reefs of the district is every year becoming larger.

Passing to a brief consideration of the district of Hauraki itself, with the different fields it comprehends, a prosperous future is predicted by many New Zealand mining men, used to appraising gold fields and forming industrial views, for the New, we have received a copy of the report of the directors of of the ore, which renders it unsuited to the smelter, is such as

its steady working and continuous returns, as a representative mine in the London market, the district should have no difficulty in attracting and retaining a legitimate share of that attention which capitalists are ever ready to devote to concerns carrying no more than the ordinary industrial risk. The existence of good gold reefs in the district is sufficiently beyond doubt to justify strong hopes that mining there will soon be placed upon a permanent footing. There can be no accusation of undue hesitancy or timidity on the part of the British financiers in embracing new enterprises. If anything is to be said it would rather be in the other direction. Undue temerity, with a touch of prejudice and whimsicality, rather than undue shyness, is the characteristic of the British public in their attitude towards mining speculation and investment. With the standing temptation of Waihi and Hauraki before them they are not likely to be backward or stand-offish. The Thames gold field has already been worked to a not inconsiderable extent, Something of its past history may be gathered from the circumstance that as far back as 1871 gold valued at £1,188,708 was exported from Auckland, the greater part of which came from the Thames mines. Surface deposits of a very rich content were in time worked out, and the capital necessary to go deeper into the earth for the mineral was not forthcoming. Working was consequently largely suspended, and since then the field has been more or less under a cloud. As we have already endeavoured to indicate, there are now unmistakeable signs that the sky is clearing. The successes of the Waihi and the Hauraki are awakening public attention, and before long the Hauraki gold field will, in all likelihood, take a more prominent position among the gold fields of the world.

A WARNING.

T is with considerable pleasure that we quote the following warning which was published yesterday in our esteemed contemporary, the Pall Mall Gazette: -" Day by day it becomes more necessary to issue an earnest warning to the public, both in London and the provinces, to beware of the items of mining news put before them in their newspapers. Such reports shoul i be treated with the utmost scrutiny; not of an apparently respectable newspaper. Many of these reports, which to the uninitiated reader may appear to be written under the direction of the editor of the newspaper in which they appear, are nothing more than advertisements, and they are advertisements which should be regarded with the ntmost suspicion, from the mere fact that they do not pose as such. These puffs are written by the officials ment. A reader is often led to believe that a company must have some status, or it would not be so frequently referred to practice of making up for lack of status by payment for notice say, of at least one list in existence containing the names of are prepared to sell space in their news columns for the reception of these company notices written by the officials of the companies themselves." We ourselves have long been aware of this dishonest and unprincipled practice on the part of the editors of the newspapers in question, and we readily lend our assistance towards the enlightenment of the public. Unfortunately, irreparable injury has already been done, but if the investing public will cease to be misled in the future, the remedy is in their own hands. There are in existence a select few whose

NOTES AND COMMENTS.

ROFESSOR THOMAS HENRY HUXLEY is dead, and the honesty of purpose which so responsible a position demanded. It in the mine's cost, to be accounted for in a large measure was through the medium of his lectures at South Kensington that by the greater number of tons raised and shipped during the much of his valuable information was communicated to the year. A by no means inconsiderable factor in both the present world, and his loss will be deeply, if not permanently, felt. To and future position of the company is the substantial interest sum up his attainments, his breadth of knowledge, and even his literary works, would occupy an interesting volume. It Silverton. It is obvious at a glance that the proximity of the would also be an unnecessary task, for the details of his career mill to the company's mine, affording an easily accessible and have become a matter of general knowledge. He was an highly profitable market for the company's ore, must be a great omnivorous reader, and was wonderfully well equipped in the classics, theology, and general literature, in addition to subjects pany from their own interest in the undertaking, complete all distinctly his own. He had the happy faculty of rapidly assimilating what he read, and of acquiring a grasp of opponents' affair. Mr. F. P. Crowther, in his vivid and clear account of standpoints. With that admiration felt for Huxley as a teacher the past year's working, alluded to the latter period as one sively within the comparatively narrow limits of the local there was blended affection by those who knew him amidst the of experiment—and of satisfactory experiment. The fact that sweet within the comparatively matrix the massless have stumbled across sweet charities of domestic life, as a loving husband, father, and friend. These who were privileged to have personal interstant of the lately-adopted process for treating low-grade ores has several good things, and have set about the work of opening them up in their own way. But it is obvious that for the course with him will probably never forget his kind and this view. adequate and systematic proving of the gold resources of the sympathetic disposition, but will live to mourn his loss as deeply and as sincerely as the public who have lost in him a least, so far as the present is concerned—hardly present so many teacher and a wise guide. To succeed so distinguished a man, favourable features. While the ores of the New Guston Mine his successor will have anything but a thankful task; neverthe- are closely adaptable to treatment by the Silverton smelter, a less, he will be inaugurated to the position with the sympathy marked difference separates the product of the National Belle

Thames district. With so conspicuous a success as the Waihi, with the Broken Hill Block 14 Company, which was presented to the shareholders at the 16th half-yearly meeting, held at Melbourne on May 30 last. The directors report that during the six months substantial progress was made, notwithstanding the unprecedentedly low prices of eilver and lead ruling for a great part of the time. They speak in eulogistic terms of the great ability and zeal which their general manager and metallurgist, Mr. T. J. Greenley, has displayed in the company's service, for to him belongs the high honour of being the first to practically demonstrate the successful treatment of the sulphides. 'The nett profit for the year is £2559 3s. 4d.; but a further amount which was earned was applied to writing down the values of products, fluxes, and stores on hand at the mine from the previous half-year's estimate. Altogether, everything seems to prognosticate a bright and prosperous future for the company.

> THE directors of the New Jagersfontein Company presented at the seventh annual meeting, held last month in South Africa, a satisfactory report upon the operations of the past year, a report with which it seems the shareholders were highly pleased. The net profit for the year amounted to £150,677 4s. 7d., notwithstanding the many and varied difficulties they had to contend against. For instance, during the early part of the year, as is well known, the diamond market was in a rather unsatisfactory condition, and, therefore, the price of diamonds was considerably affected. Then, again, a most unprecedented drought in the Jagersfontein district most seriously impeded the company's operations during nearly the whole of the year, thus limiting the water supply necessary for washing purposes. During the year dividends amounting to £150,000, or 15 per cent. on the capital of the company, were paid; 2,134,557 loads were hauled, including 293,611 loads of floating reef and stones; 2,045,445 loads of ground, including 215,301 loads of lumps were washed, yielding 232,8721 carats' weight of diamonds, which realised £373,579 8s. 2d. It will be seen, therefore, that the production of diamonds was thus increased by 29,0924 carats. Shareholders were delighted to hear the statement that the working of the mines continues satisfactory, and that its present aspect as an open working is more favourable for continuous operations than at any previous period.

> THE Geldenhuis Main Reef Gold Mining Company has now entered into the list of dividend-paying concerns, the sum of £7500 having been applied to the payment of a first and small dividend of 5 per cent, The report which was presented at the annual meeting held in South Africa, a copy of which we have received by this week's mail, shows that during the past year satisfactory and encouraging progress was made. date of the last report, the balance-sheet showed a debit cash balance, allowing for cash assets, of £5794 3s. 5d. On April 30 last, however, the company possessed cash assets to the amount of £4037, after writing-off £6186 4s. for mine development, and £4102 for surface plant. During the year 37,315 tons were crushed, which was an increase of nearly 27,000 tons over the amount crushed during the previous year; whilst the yield jumped up from 3794 ounces to 13,639 ounces. Considerably better results may be anticipated during the current year, as the increase of stamping power was only made in October last, and thus enabled the company to derive from it but a small benefit. In 1894 the yield was 7 dwts. per ton; last year it increased to 7:30 dwts., a distinct and gratifying improvement. The amount of ore in sight is estimated at 55,000 tons, and as, during the coming year, the company will gain the full henefit of the additional stamps, considerably increased profits and dividends may be confidently anticipated.

THE record of a year's work in connection with the New Guston Company, given on Tues lay by Mr. Crowther, is one of steady work, pursued against difficulties that could hardly have been anticipated, and in accordance with what is evidently a well-thought-out mining policy. Circumstances, such as could not possibly have formed any part in the most soundly-devised forecast, have occurred to reduce the year's profits below the anticipated level, but they still amount to a fairly satisfactory figure, and an earnest of what, under more favourable conditions, may enable a solid distribution to be made. Against Royal School of Mines is without a Dean-for a time. The the fact of the diminution in the value of the Professor discharged his duties there with that fidelity and ore raised is to be set a considerable diminution which has been acquired in the new smelter erected at advantage, while the possibilities of profit accruing to the comthat is necessary to justify the directors in entering into the

MATTERS in connection with the American Belle Mines-at Mines, which is too high in copper content to be Now that the problem of treating the sulphide ores seems to readily amenable to the process in vogue there. have been solved, the directors of the various Broken Hill The only way of overcoming the difficulty is to silver mines look forward quite hopefully to the future. Two dispose of the ores as advantageously as possible or three weeks ago we had occasion to comment upon the re- to another company for smelting, and this is what, if nagotiaport of the directors of the Broken Hill Proprietary Block 10 tions now pending issue successfully, will be done. It is but Company, with which we expressed curselves as well pleased common fairness to point out that the change in the character

could not have been foreseen. At the time the interest was taken in the smelter there was every reason to suppose that the cres would continue to be fit for treatment by the smelter. This is the darker side of the picture, and there are, with no less certainty, a great many lighter shades. Mr. Crowther feels "that if work is pushed in depth there is an excellent prospect of this mine developing into a large and profitable producer." Several points at the mine are showing favourably, and appear to invite sanguine hopes and energetic exploitation. The interest in the smelter, with its prospective profit, remains to the company, and may produce results that will figure out very well in future balance-sheets.

"A LARGE boom of business in the United States." Such is the anticipation as to the early future which Mr. Andrew Carnegie is just credited with having expressed in a letter to a private correspondent. Certainly as the largest iron and steel manufacturer in the world his opinion is ent t'ed to much consideration. We trust the forecast may prove correct. Certain it is that the advices coming across bear an increasingly hopeful tone, and evidences continue to accumulate of legitimate improvement. Rolling-mills are very busy, and the demand is heavy The improvement seems to be the result of higher costs of raw materials and wages, which items have forced up the price of the finished article, and now that the market is a rising one, it is difficult to supply the demand that has set in. Yet, although there has been a general advance, prices are still relatively low. Steel rails are \$24. During 1891 and 1892 they were \$30, and during 1893 they were \$28. No. 1 foundry pig-iron was selling at \$17 50 cents in 1891, \$16 in 1892, and \$14 50 cents in 1893. Present quotations are \$13 to \$13 5) cents The books of the rail-mills show a considerable increase in orders for rails in May and June. There is, indeed. enormous scope for further expansion in the American steel rail trade, notwithstanding that the United States has some 200,000 miles of railway out of 400,000 in the whole world, or about one half of the railways of the globe.

THE property upon which the Red, White, and Blue Gold Mining Company was floated has been already made the subj.ct of much investigation, and has been several times reported on by experts as displaying promising qualities. The descriptions given of it are very temperate, and do not err in the direction of hyperbole, nor are the assays set in figures of such magnitude as to drive the enquiring mind to scepticism. Already the directors appear to have accumulated considerable knowledge of the mines, and the preliminary arrangements for the working are fairly far advanced. A manager has been appointed, with a solary and a participation in the profits, and having expressed his faith in the property as a dividend-paying mine in embryo, will have an opportunity of illustrating his faith by results. The directors have placed an order for machinery, according to carefully-prepared plans, and crushings will shortly commence. The management appears to be in the hands of gentleman who from a long association with the colony and a general knowledge of mining affairs, would appear to be of a character to fit them for the delicate and responsible task they have undertaken in associating themselves in so prominent a manner with the

THE MINING MARKET.

FRIDAY EVENING.

A little boom in Kaffirs.-Special strength of Lydenburg varieties.-The Chartered new issue.-Great Boulders the feature of the West Australian

strong. A few Charters Towers shares were rather harder, but there was not a great deal doing in Miscellaneous. From Paris came the news that the business done in Mising shares that day on the Bourse was the most extensive on record. On Tuesday there was plenty of activity, though at the close the day's gains were not consniquents. Oceans gave the go-by to Charterd, and not conspicuous. Oceans gave the go-by to Chartered, and Diamonds were steady. West Australians were good under the lead of Great Boulders, whilst Indians were quiet. On Wedner-

day business was on a much larger scale all round, and members talked arily of "The Summer Boom." There was a big crowd in the Street, where the shouting and howling were as persistent as during the height of the busy times of April and May. Chartered were strong on an official decision as to the new issue of capital. Transvaal Gold had another big rise, and all the Lydenberg shares were buoyant. There was scarcely an exception to the advance in African shares, Goldfields Ordinary being a prominent feature. De Beers were strong, and Jagers flat. There was a fair amount doing in Westralians at improving prices, but the Miscellaneous market was relatively neglected. On Thursday Lydenburg specialities once more led the way, but Transvaal Gold reacted on profit-taking, and Chartered were a shade off. Other Land shares were well maintained. Westralians were quiet to a good undertone. To-day there has been a decidedly weaker tendency, owing to realisations after the decidedly weaker tendency, owing to realisations after the advances of the preceding days, and in anticipation of the fortnightly settlement, the preliminary arrangement of which will commence on Monday. The University Cricket Match has proved a counter attraction to business, and next week there will be Henley Regatta to reckon with.

South African Mines

South African Mines

Although the advance in prices has been general, it is only in special cases that it has assumed large proportions. The most sensational movement has been in Transvard Gold, which shot up on Monday from 6½ to 8½ buyers, purchases being prompted by the reports of arrangements for the flotation of more subsidiary companies. On Tuesday there was a slight relapse, but on Wednesday the shares were remarkably strong, scoring 1½ on the day at 9½. Before the turn came 9½ was touched, but during the last day or two there has been a steady stream of realisations, which reduced the quartation at one time this morning to 8½. The last price—8½—marks a gain of two points on the week. The subsidiary Grootfontein are ½ better at 1½ premium. The Lydenburg properties generally have for some time past been relegated to the Miscellaneous Market, though now the Kaffir dealers are competing for the business in them. Barrett's Gold shot up from 15s. on Saturday to 20s. 6d. buyers on Monday, closing to-night at that price after touching 22%. Balkis Land truched 8s. 6d. on Thursday, as against 6s. on Saturday, and Balkis Eestering has just about doubled its value at 7s. 6d. Graskops touched 11s. 3d, but closed at 10s.—a g in of 2s. 3d. on the week. Spitzkops were over 2 on Wednesday, but have been offered to-day at 1½. Lisbons touched 10s. 6d., but are now easier at 9s. 3d. There has been a good deal of wild talk about gigantic amalgamations in this group; but this is probably nothing more than an accompanient to the been offered to-day at 11%. Lisbons touched a good deal of wild talk about gigantic amalgamations in this group; but this is probably nothing more than an accompaniment to the rise. Rand Mines touched 35 yesterday; the last price (34) shows a gain of 25 on the week. East Rands were bid for on Saturday on the publication by the Rand Cable Agency of a summary of the director's annual report just circulated in Johannesburg. The company is said to have cash in hand to the amount of £120,000, with shares in various subsidiary companies to the estimated value of four mi lious sterling. The net gain on the week is 35 at 55. The subsidiary companies to the estimated value of four mi properties of at 35, and the latter \$1.000 to the company is at 35 and the subsidiary companies to company the latter \$1.000 to the company is subsidiary companies to company the latter \$1.000 to the company is subsidiary companies to company the latter \$1.000 to the company that \$1.000 to the company is subsidiary companies to company the latter \$1.000 to the company that \$1.000 to the higher at \$3\frac{1}{3}\$, on hints of subsidiary companies to come. Clower Estate came into strong demand in sympathy with Transvaul Gold, and on the short supply of shares on the market. The price at one time was over a point to the good at \$3\frac{1}{3}\$, though rather easier to-night. The special feature of Wednesday and rather easier to-night. The special feature of Wednesday and Thursday was the buying of Jumpers, which put on $1\frac{1}{4}$ at $7\frac{1}{4}$. No reliable explanation is forthcoming for the unwonted deman! Buffelsdoorn have been a strong market in connection with the issue of a subsidiary company, to be called the Buffelsdoorn A. The parent company will receive £175,000, in fully paid shares, which will be distributed in due course amongst the paid shares, which will be distributed in due course amongst the shareholders by way of dividend. Small gains are shown in New Crossus at 3\(\frac{1}{4}\), Ginsberg at 2. Glencairn at 4\(\frac{1}{2}\), and May Consolidated at 3\(\frac{1}{2}\), whilst Spes Bona are exceptionally easier at 3. Buying of a good class has given vitality to Randfonteins, which are now quoted in fractions of a paud instead of shillings. The last price is 2\(\frac{1}{2}\), as compared with 46s. of a week ago. Block B are the turn harder at 25s., and another Robinson stock, Langlaugte Estate, is \(\frac{1}{2}\) better at 5\(\frac{1}{2}\). Bantjes started on the up grade from 3\(\frac{1}{2}\) on Monday. They had reached 4\(\frac{1}{2}\) on Wednesday, and on Thursday went straight away to 5. Nothing specific has come to hand in explanation of this move. A strong tip was circulated at the up of the support of the content of the division of the move. Boulders the feature of the West Australian section.

T is by no means unusual that when a specific date is fixed upon for the occurrence of some special move on the Stock Exchange, the actual event considerably anticipates that date. For the past two or three Accounts Members of the House have been telling one another, as well as their clients, that the end of August would witness a renewal of the Kaffir boom, but that in the interval a dull time was to be expected. As is generally the case, the early birds have been the ling one another, with the result that during the past week the buying orders of these "previous" people have given the market such a fillip as in normal times would be dignified with the title of boom. When quotations aboved a respectable advance, the public, which always buys on a rising market, came in in force. Continental support was steadily forthcoming, and the net result is that we have had a renewal of netivity that has set brokers and their clerks saying that there will be no summer holidays for them this column to record past events rather than to pry into the faure, when the should have given the market. Whether the elections themselves will cause any disturbance of business remains to be seen. As it is our province in this column to record past events rather than to pry into the faure, we may for the moment abundon discussion of this point in turn to the week's doings.

On Saturday there was a fair amount of business doing in Kaffirs with special activity in East Rands. Although movements were irregular their isospectominated, but strength was shown in several small-priced Lydenburg Land shares, which have generally been dealt in in the Miscullancess Market, although movements when in several small-priced Lydenburg Land shares, which have generally been dealt in in the Miscullancess Market, although reversible to the own and so of the own was a good to the South African division. On Mendry the tone was again good, with a special sport in Tensival Gold, which led the way for other

Rieradorps are slightly easier at 22s. 6d., and Potendistrooms, after being strong, have reacted, and at 2½ are ½ down. Oceanas had a smart jump on Tuesday, which leaves them ½ better at 2½. Mozambiques are 4s. 6d. better at 34s. 6d, and Pordy's ¼ up at 3½ on a cash dividend at the rate of 50 per cent. per annum, and a 100 per cent. bonus in scrip. South African General Developments are harder at 7s. 6d., and there have been considerable dealings in the shares of the subsidiary Diamont-function Communication. considerable dealings in the shares of the subsidiary Diamont-fontein Company, which has acquired the Bluemhof property at the very reasonable price of £15,000. Diamonts are last quoted at 5s 9d., with every appearance of going better. South African Gold Trust, after touching 8\frac{1}{2}, are \$\frac{1}{2}\$ to the good at \$\frac{1}{2}\$. "Johnnies" Investment has been in \$\frac{1}{2}\$, but the chief strength in this department has been in Consolidated Gold Fields, which are a clear point to the gool at

113. Anglo-French Explorations have moved steadily up to 4, and African Estates are appreciably higher, with an improving tendency at 23. Bechumaland Explorations are about half a point up at 24. Whith Mashonaland Agency are rather easier at 23. Henderson's have put on 1 at 44. Tail Concessions are 3. essier at 3. although the arrangements for the issue of the subsidiary Premier Tati Mona'ch Reef Company are progressing favourable.

are progressing favourably.

There has been a good deal of activity in De Beers which would not be explained merely by the dividend declaration. Rumour has it that a splitting operation is to be put in force as was done with Consolidated Gold Fields. At any rate, the as was done with Consolidated Gild Fields. At any rate, the shares are $1\frac{1}{4}$ better at $23\frac{1}{14}$. Jagers, on the other hand, have been dull, and are finally $\frac{1}{14}$ down at $9\frac{1}{4}$. The smaller-priced Diamond shares have been in demand, St. Augustine putting on 1s. 3d. at 12s., and Gordon 1s. at 8s. 6d. Beaconsfields are $\frac{1}{4}$ better at 13.

West Australians.

The leading feature in this section has been the strength of Great Boulders, which, it will be remembered, were recommended Great Boulders, which, it will be remembered, were recommended for purchase in this column in March last, when they were standing at 12s. 6d. They are now $2\frac{1}{2}$ —a gain of the fraction on the week. Buying is accompanied by rumours of phenomenal crushings to come. Londouderrys are $\frac{1}{6}$ easier at $\frac{4}{3}$, no news having yet been published by the directors. Coolgardie Syndicate are firm at 15s. 3d., and are talked better. Sherlaw's Gold are hard at 11s. 3d. A gain of $\frac{1}{16}$ has carried West Australian Finance to $1\frac{1}{3}$, whilst Exploration, on the other hand, has receded $\frac{1}{16}$ to $1\frac{1}{3}$. Bayley's are flat at 9s. 6d. and Austins rather easier at $\frac{1}{3}$. Hampton Plains are firm, without alteration at $2\frac{1}{3}$. There has been some disposition to put Associated ration at 2ⁿg. There has been some disposition to put Associated Gold Mines better, whilst Big Blows have given way to §.

Miscellaneous.

As already explained, the Lydenburg group has engrossed a good deal of the attention of deal-rs in this section. Copper good deal of the attention of deal-rs in this section. Copper shares have been quie', but this afternoon Tintos have taken a strong upward turn, which leaves them $\frac{1}{\sqrt{3}}$ better at $16\frac{1}{\sqrt{3}}$. Thatsis are $\frac{1}{\sqrt{3}}$ lower at $4\frac{3}{2}$, with Masons unchanged at $3\frac{1}{2}$. There is not much to report in Indian Gold shares. Improvemen's of $\frac{1}{2}$ are shown in Nundydroog at 2, and Ooregum at $3\frac{1}{\sqrt{3}}$ and $4\frac{1}{\sqrt{3}}$; whilst Mysore as $4\frac{1}{2}$ and $4\frac{1}{\sqrt{3}}$; whilst Mysore as $4\frac{1}{2}$ and $4\frac{1}{\sqrt{3}}$; whilst Mysore a e $\frac{1}{4}$ lower at $2\frac{n}{18}$ xd. Champions close without change at $\frac{4}{14}$. Attention has again been devoted to the New Zealand group, Attention has again been devoted to the New Zealand group, but there is no quotable change at the finish. Haurakis a andie g at 16s. and Kapanga at 10s. 6d. Broken Hills are practically unchanged at 2½. Wentworth's, after going over 1, are unchanged at ½, with Alad lins ¼ down at 1¼. Montanus have shed 2s. at 13s. North Queensland Agency are ½ better at 1½. There is not much to report in the Charters Towers group, except that Carringtons are 1s. 6d. better at 11s. 6d., on a message from the manager that he expects to strike the Victoria vein this mouth. Day Dawn Blocks are 1s. easier at 10s. The Brilliant has passed its June dividend. are 1s. easier at 10s. The Brilliant has passed its June dividend.

British Mines.

Business in the C raish Market has been restricted this week, and only a few transactions have been recorded. Dolcoath have changed hands—45\(\frac{1}{2}\) to 46\(\frac{1}{2}\)—but until the new company has been registered it is not likely that there will be any activity in shares. There are buyers of Carn Breas at 37s. 6d., and Timeroft at 7. Timerofts are steady at 7, and Grenvilles at 12\(\frac{1}{2}\). West Kittys are flat, and have been effected at 5\(\frac{1}{2}\). East Pools are about 5, but in the absence of business it is not possible to give a reliable quotation. There are buyers of Wheal Bassets at 32s. 6d., and Killifreths at 10s. Tin has a slightly better tendency, and stocks show a reduction of over 800 tons for last mouth. Business in the C roish Market has been restricted this week,

FINANCE

Reports, Balance Sheets, Dividends, &c., of Mining and other Companies.

Broken Hill Proprietary Block 14.

Broken Hill Proprietary Block 14.

The directors' report for the half-year ended March 31 states that substantial progress in the company's operations has been made during the past half-year, notwithstanding the unprecedentedly low price of silver and lead over a great part of the time. The policy of exploration and development below the 200 feet level, which was absolutely necessary, and has been steadily pursued at a large cost during the past two years, was continued through the last half-year. Until three months ago this work was confined to the eastern lode, where a considerable quantity of sulphide ore was opened up; but, on the whole, the results were disappointing. The work was diverted in January last to the western lode on the 200 feet level, where little or nothing had been done since 1891, with the result, on clearing out of drives, of showing in a short time a large sulphide lode, providing sufficient payable ore to meet the requirements of the concentrating cient psyable ore to meet the requirements of the concentrating plant for a considerable period, and which, it is evident, must have been disclosed several years ago. This crebody in a length of 270 feet has now been crosscut by drives in three places at the 200 feet level, and is being followed down by winzes in order to reach the 300 feet level, where drives are being made to intersect and make it available for stoping. The importance of this will be seen when it is mentioned that this good body of ore appears to average about 50 feet in width and to be carryore as pears to average about 50 feet in width and to be carrying down to depth. The directors cannot speak in too high terms of the great ability and devoted zeal which their general manager and metallurgist (Mr. T. J. Greenway) has displayed in the company's service, and to him belongs the high honour of being the first to practically demonstrate the successful treatment of the sulphides, which is a matter of great import not only to the shareholders of this and other mines, but also to Broken Hill and all having relations with it. Experimental work with the concentrating plant having given results instifrant to Broken Hill and all having relations with it. Experimental work with the concentrating plant having given results justifying the extension, a further portion, designed by Mr. H. R. Hancock, is now being proceeded with for treating some of the secondary products. A second smelter has been creeted during the half-year and running successfully since February, and, at the present time, the building of a third, with a proportionate number of reasting furnaces, is under consideration. All departments of work are being run accountially, and tion. All departments of work are being run economically and with the utmost regard to efficency, and the directors look forward hopefully to the future. The net profit for the balf-year is £2259; but a further amount which was carned was applied to writing-down the valuesof products, fluxes, and stores on hand at the mine from the previous half-year's estimates, which proved excessive, and now all stand at current market rates. The company's land at Port Adelaide was originally bought for £2000, of which £500 was paid, and the balance of £1500 still remains on mortgage. The liquid assets exceed the liabilities by £7409.

— The directors of the Pulloo Mining Company have receive I information that the transfer of the property is now completed, and the same has been vested in Portugal in "the iname of "the

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British South Africa Company.

The following circular has been issued to the shareholders:—hareholders will remember that at the meeting of the company in January last Mr. Rhodes expressed an opinion that there was no necessity for the company to increase its share capital. Within the last six months, however, the money markets have greatly improved, and influential shareholders and financial supporters of the company have urged upon the board that advantage should be taken of this improvement to increase the share capital of the company, so as to provide funds for the redemption of the company's debenture debt, and to enable the company to assist and accelerate the development of the country, by directly promoting railway and other enterprise. After mature consideration and communication with Mr. Rhodes, your directors have determined to submit resolutions for increasing the company's share capital by the issue of 500,000 new shares of £1 each, which will rank, in all respects, with the existing capital of 2,000,000 shares. These shares will be offered at 70s, per share (or a premium of £2 10s.) provate to those holding shares in the company (whether registered or bearer) on July 6, 1895. Shareholders will, therefore, be offered one new share for every four shares held. A contract has been entered ioto with a strong group of financiers for the issue to them of all the shares not applied for on the above footing, and thus the successful issue of this further capital a assured.

The Zapopan Mines (Limited).

The Zapopan Mines (Limited).

The Zapopan Mines (Limited).

The following circular has been issued to the shareholders:—
The board are in receipt of a letter from the company's general manager at the mines, dated May 11, reporting satisfactory progress, and enclosing an extract from the annual report, recently furnished by the Chief Warden of the gold fields to his Government, and which makes important reference to the company's mines, as follows:—"The Brocks creek property contains some of the best reefs in the territory. Although the battery returns for the year 1894 show only 13 dwts. per ton, it must be borne in mind that the tailings, containing as they do from 2 to 3 ounces of gold per ton, are a splendid asset. I estimate the heap of tailings to contain about 8000 tons." The value of the 8000 tons of tailings, if only giving an average of 1½ ounce of 8000 tons of tailings, if only giving an average of 1½ ounce of gold to the ton, would be £40,000.

London and South African Exploration Company. The following is the directors' report:—The gross revenue for the year amounts to £75,789 9s. 11d., and the sum of £55,000 has been distributed in cash to the shareholders. During the year under review various causes, which are now passing away, adversely affected the collections on the company's estate at Kimberley. The latest news received this year indicates renewed activity, and a substantial increase in the company's revenue. The directors have to report, with sincere expressions of sorrow, the death of their co-director and friend, Sir George R. Prescott, Bart. The company has lost in him a zealous administrator and energetic worker. London and South African Exploration Company.

— The share certificates in the Clutha Gold Mines (Limited) will be issued on and after Monday next, the 8th inst., between the hours of eleven and three (Saturday excepted), in exchange for the bankers' receipts and allotment letters, together with the certificate for shares held in the old

— The directors of the London and West Australian Syndicate (Limited) announce that the syndicate has successfully floated Hampton Gold Fields (Limited), with a considerable working capital and good prospects, and that they have decided to pay an interim dividend, in shares of Hampton Gold Fields (Limited), as follows:—10 shares of £1 each in Hampton Gold Fields (Limited) for each £50 ordinary share in the syndicate, being at the rate of 20 per cent. per annum for a full year ending November 30 next; 75 shares further on each £50 ordinary share; 15 shares upon each £1 deferred share.

— Notice is given by the secretary that all shareholders in the EAST RAND PROPRIETARY MINES (LIMITED) who were regis tered on May 4, and who were thereby entitled to an allotment of shares in the Driefontein Consolidated Mines (Limited) in the proportion of the Driefontein share for every 10 East Rand shares held at 30s. should have their acceptance of the allotment lodged with bankers of the company in accordance with the circular issued lately, otherwise they will lose their

— The London agents of the New MIDAS ESTATE AND GOLD MINING COMPANY are now prepared to accept applications for share warrants to bearer. Forms of application embodying sole of charges may be obtained at the London office, 120, Bishopsgate-street Within, E.C.

— The offices of the following companies have been removed to 15 and 16, George-street, St. Swithin's-lane, E.C.:—The Modderfontein Gold Mining Company (Limited), the New Modderfontein Gold Mining Company (Limited), the Black Reef Prorrietary Company (Limited), the Alexandra Estate and Gold Mining Company (Limited), the Treasury Gold Mining Company (Limited), the Treasury Gold Mining Company (Limited), the Gold Mining Company (Limited), the Rand Central Oro Reduction Company (Timited).

— A dividend of 10 per cent, has been declared on the shares of the ORION GOLD MINING COMPANY, payable to shareholders registered on July 10th. Books will be closed from 10th to 15th inst. inclusive.

— A dividend at the rate of 30 per cent. has been declared by the New Chimes Gold Mining Company, payable to all shareholders registered on May 7, out of proceeds of sale of West Chimes shares, received in respect of sale of Florence

— Certificates for fully-paid shares in the London-Paris Financial and Mining Corporation (Limited) will be ready on July 9 next, and can be obtained at the office of the company, 5, Lothbury, in exchange for transfer receipts, accompanied by bankers' receipts for calls.

— The New Aurora West Gold Mining Company, reconstructed as Aurora West United Gold Mining Company, notify that authority has now been received from the head office in Johannesburg to exchange share certificates of the late New Aurora West Gold Mining Company (Limited). Old certificates will be received, and new certificates issued, for shares in this company, in proportion of one new fully-paid share for every two shares held.

-- Holders in England of the British South Africa Company's stare warrants to bearer have been notified that they must deposit with, or send by registered post, their share warrants to the transfer-office of the company, 2, Salters' Hall-court, Cannon-street, London, E.C., on or before Thursday, July 11, for the purpose of identification, to enable the offer of new shares to be made. The share warrants must be accompanied by a letter giving the distinctive number of each share warrant and the full name and address of the holder Holders in France of share warrants must deposit them under the same conditions with the Imperial Ottoman Bank, 7, Rue Meyerbeer, Paris, on or before the same date.

NEW ISSUES.

THE MINING JOURNAL, RAILWAY AND COMMERCIAL GAZETTE.

THE RIGHTS AND EXPLORING OF RHODESIA (LIMITED).

This company, according to the prospectus, has been formed primarily to take over from several members of the party who accompanied Messrs. Williams and Hammond through the Chartered Company's territories last year, and others associated with them, certain interests and rights acquired by them in that country, and also to secure other interests which have been offered by well-known prospectors in Rhodesia. The properties to be acquired by this company, in accordance with the terms of the contract, are:—(1) Right to locate 100 claims in Matabeleland. (2) One-half interest in 10 claims on the No. 1 West Extension of the Cambrian reef, Victoria District, Mashonaland. (3) One-half interest in 10 claims on the No. 2 South-Eastern beleland. (2) One-half interest in 10 claims on the No. 1 West Extension of the Cambrian reef, Victoria District, Mashonaland. (3) One-half interest in 10 claims on the No. 2 South-Eastern Extension of the Cambrian reef, Victoria District, Mashonaland. (4) 13½ claims on the extension of the Inez Reef, Hartley Hill, Mashonaland, and (5) An option to acquire for 1000 fully-paid shares in this company, two town plots in the township of Victoria, Mashonaland, and one town plot in the township of Salisbury, Mashonaland. The following properties will be acquired, and form the subject of the second agreement:—(6) Nutwell Farm (1460 morgen), about 3400 acres in extent, situate in the district of Umtali, Mashonaland. (7) 10 claims on the Panhalanga Range, Umtali, Mashonaland. (8) 10 claims on the Maggie reef, Umtali, Mashonaland, as well as further interests which the company proposes to acquire, and which have already been the subject of negotiations between their present owners and some of the gentlemen above alluded to. "It is proposed," adds the prospectus, "that this company shall develop the mining properties to be acquired to such an extent only as will justify their floatation into separate working companies. It is also intended with part of the reserve share capital to acquire further interests and options, the company being in an exceptionally favourable position for securing such business. In almost every district of Rhodesia there are thoroughly experienced persons who are more or less interested in the company, through whom it is anticipated that further valuable properties may be secured from time to time." The capital of the company is £100,000, in 100,000 shares of £1 each.

SALISBURY-MURCHISON GOLD MINE LIMITED.)

SALISBURY-MURCHISON GOLD MINE
LIMITED.)

This new company has been formed to acquire and work five
gold mining properties called the "Salisbury," "Huntingtower,"
"Tasmania," and "North Agamemuon," situated about
2½ miles from Que, in the centre of the Murchison district,
West Australia, the whole comprising an aggregate
area of about 10 acres. The properties are held under the
usual form of Government lease, excepting the "North Agamemnon," for which application for lease has been made, and grant
recommended by the Warden. An option on the Salisbury
Mine was secured in December last by the Mines Selection
Syndicate (Limited), acting with the Golden Leaf (Limited),
after careful examination of many promising properties. Very favourable reports upon the "Agamemnon" and "Tasmania" properties have been made
by Captain Vawdrey and Mr. Grey, and under their advice they
were originally obtained in March last. The following report
is from late information received from Mr. T. Hewitson:—

"I made my weekly inspection to the outside mines on Monday
last, May 6, and found all the men at work at the several mines.
The underground works of each were examined, and small
samples taken from across the face in each instance, and treated
after my return. The appliances for this purpose being crude, I
had to approximate the results. The following are particulars:—
Salisbury north drive, 70 feet level, lode 3 feet thick, 14 ounce
per ton. Salisbury south drive, 70 feet level, lode 7 feet thick,
1 ounce per ton. Tasmania west drive, lode 4 feet thick,
1 ounce per ton. Tasmania west drive, lode 4 feet thick,
1 ounce per ton. Tasmania west drive, lode 4 feet thick,
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1 ounces per ton. Tasmania west drive, lode 4 feet thick,
1 ounces per ton. Tasman

RHODESIA (LIMITED).

The above company is formed, with a capital of £200,000 in 200,000 shares of £1 each, for the purpose of prospecting, acquiring, developing, and general dealing with mining, land, and other properties in South Africa, and particularly in the territories of the British South Africa Company. The following properties have been already secured, the directors believing them to be of great present and prospective value:—(1) Town Stands: 26 freehold town stands, and one-half undivided interests in three additional stands, all situated in or near the centre of Buluwayo, and selected and secured by Mr. C. G. Glass, late of Johannsburg, who attended the public sales in Buluwayo last year. The prospectus states that substantial buildings have been erected on one of the sites, and iron erections on two of them, and these sites, with others let to tenants, already yield a rent of over £1700 per annum. (2) Farms: 33 farms in Matabeleland, comprising in all about 200,000 acres, or about 330 square miles. (3) Mines: Queen's Extension: 56 gold mining claims, situated in the Bembesi district, about 30 miles from Buluwayo, forming the extension of the Queen's property, belonging to Willoughby's Consolidated Company (Limited). The directors have also secured options to secure the following mining claims:—(a) Criterion Reef, 40 claims; (b) Umtchabeso, &c., 225 claims; and (c) Belingwe claims (40 claims). RHODESIA (LIMITED). claims (40 claims).

A New Voltaio Battery.—Mr. Warren's voltaic battery is something new in electrical apparatus. It consists of a plate of zinc and a plate of borated carbon in a solution of salt of manganese and other substances. The carbon plate is borated by exposing it to a current of fluoride or chloride of borium while at a high temperature, then plunging it into a solution of oxalate of platinum, and warming it to redness in an atmosphere of hydrogen. One cell of the battery gives an electromotive force of 2½ to 3 volts, and 12 cells give an electric arc capable of melting tungsten, chromium, and titanium.

THE United Rhodesia Company have obtained for six months a Trans-Zambesian land grant, consisting of 300 square miles, in a territory known to be rich in gold, and in which, according to Livingstone, Dr. Lacerda, and Foa, alluvial gold exists.

WE hear that there is an important amalgamation about to effected between George and May and the West Rand Mine. T George and May consists of 101 claims, extending for a length of 2½ miles along the outcrop of the main reef series, while the West Rand owns 440. It is proposed to amalgamate these, making one of the largest and most easily workable outcrop properties on the Rand. The new company would have a working capital of

THE big reef discovered at the 86 feet level of Hannan's Reward The cig rest discovered at the colorest level of thankars was a Claim is opening up well. At present it looks as if all the rich small east and west reefs of the outcropping are merely feeders of the main rest recently found, The reef consists of decomposed quarts, with goesan and ironatone. It giltters with fine gold. The veins consist half of gold and half of matrix.

THE METAL MARKETS.

LONDON METAL MARKET.
THE METAL MARKET, LONDON, JULY 5.

LONDON METAL MARKET.

THE METAL MARKET. LONDON, JULY 5.

Copper.

THE speculative market opened a shade easier, with business in cash G.M.B.'s at £42 7s. 61., but notwithstanding the large increase in the visible supply (see the statistics on page 868), the tone remained steady, and the price improved to £42 8s. 9d., whilst three months was dealt in at £42 15s. The day's turnover amounted to 550 tons. Tuesday was a somewhat busier day, 700 tons changing hands, but at easier prices, down to £42 5s. sc. and £42 12s. 6d. three months being accepted. On Wednesday 1150 tons were treated, and the value stiffened again, spot realising £12 8s. 9d., and three months but to £42 17s. 6d.; vigorous baying on Thursday (when in all 1100 tons were done) resulting in a sharp advance—rix., to £42 18s. 9d. so, tad £43 7s. 6d., and three months at £43 1s. 9d., we close strong at £43 7s. 6d. to £43 8s. 9d s.c. and £43 1s. 9d., we close strong at £43 7s. 6d. to £43 8s. 9d s.c. and £43 1s. 9d., we close strong at £43 7s. 6d. to £43 8s. 9d s.c. and £43 1s. 9d., we close strong at £43 7s. 6d. and three months at £43 1s. three months. The improvement in this market is due to considerable parchases of cash copper, and to an apparent revival of speculative interest. The American market is also reported firmer. Consumers seem to be still holding back, partly, no doubt, in consequence of the stock-taking now in progress at many works. Tin.

This market received a stimular from the circumstance that shipments for June proved to be smaller than had been expected, and the improvement was reinforced by the firmer silver market. On Monday 300 tons were done at £63 2s. 6d, s.c., Straits at £63 1s. 6d, three months, or about 10s, better than last week's close. Tuesday's market was steady, but rather lower—£62 17s. 6d. s.c., being done, and £63 1s. to £64 for the months. To day the prices realized were £63 10s. to £63 1s. to £64 for the common stream of £63 1s. to £64 for the months, to the prices wire form the Straits are anticipated also for the

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Rain order to the state of the	cast list worth of the foreign of th	hot ads	and upper	Ani Qui	pelter immorphism minimum mini		000 000 000 000 000 000 000 000 000 00	10 10 14 14 15 17 7 0 0 0 0	12 15 5 17 8 0 0 0	5000 0 0 00 7 H		10 42 4 10 11 11 11 12 15 16 14 14 15 18 32 7 L	16 3 0 0 0 15 0 10 0 0 12 6 0 0 0 12 6 0 0 10 0 0 15 0 0 15 0 0 0 0 15 0 0 0 15 0 0 0 0
Spanish or a English pig street ord spectrum	cast is a two in the control of the common target of the common target of the control of the con	ng	eordiz	Ani Qui	pelter		000 000 000 000 000 000 000 000 000 00	10 10 14 14 15 17 7 0 0 0 0	12 15 5 17 8 0 0 0	6000 0 000 7 H	constitution of the consti	10 42 4 10 11 11 12 16 14 15 18 32 7 to 0 0 1	16 3 0 0 0 15 0 10 0 0 12 6 0 0 0 0 10 0 0 10 0 0 10 0 0 10 0 0 0

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"THE JOURNAL" LIST.

BBREVIATIONS AND REFERENCES.—Th following are the significations of the abbreviations and references which occur in the Share List:—Ay, Antimonv; A, Arsenic; Bl, Blende; Bz, Borax; C, Copper; D, Dlamond; G, Gold; I, Iron; L Lead; M, Mundlo; N, Nitrates; P, Phosphates; Q, Quicksliver: R, Rudy; S, Sliver: S-l, Sliver-lead; Sul, Sulphur; T, Tu; and Z, Zinc, "in the "Amount of Share" column of British Mines signifies that the mine is conducted on "Cost Book," principles; in the "tend Office" column of African Mines signifies that the address given is not that of the head office, but of a sub, or transfer office; and \(\tau_i\), following the names of African Mines, signifies that they are subject to the Limited Liability Law of the South African Republic.

""The following is by far the most complete and comprehensive list of imines, whose shares business is being currently transacted, published. Additions will be made from time to time as occasion requires. Every effort is made to ens-re accuracy, and Secretaries of Companies, Share Dealers, and our readers generally, are cordially invited to co-operate with us to this end, by notifying us of any errors that may at any time occur. We desire it to be understood that, while our Share List will almost invariably be found correct, we do not hold ourselves responsible for any loss or inconvenience that may arise from possible inaccuracies.

understood thar, while our Share List will almost invariably be found correct, we do not hold ourselves: BRITISH MINES.						EUROPEAN MINES.											
	Closing	Closing	Am't.	Tatast	Called	Amount of Stock				Ciosing	Closing	Am't.	Tatast	Called	Amount of Stock	Bitnetton	
Name.	Price, July 5, 1895	Price, June 28, 1895.	of Sh are	Latest Dividend	up Per Share.	or No. of Shares Issued.	Mine.	Head Office	Name,	Price. July 5, 1895	Price. June 28, 1895.	of Share	Latest Dividend.	up per Share.	or No. of Shares Issued.	Mine,	Head Office.
Blue HillsCT	12/6 17/8	12/6 17/6	£	2/- May,'81	£ s. d. 5 19 5 51 4 6	5,353 1,880	Cornwal! Cornwall	Camborne. St. Just.	AlamillosL	10/ 15/	10/ 15/	£ s.	-/6 April '95	& s. d.	35,010	Spain	6, Queen-street-plac
Botallack	11/6 2	34 2 5/ 10/-	:	2/6 Dec., '93	22 8 5 35 15 13	6,000 4,900	Cornwall Cornwall	Carn Brea. Camborne.	Consett Ore	536	5%	1 0	1/- May '93 5/- July 94	1 0 0	51,584 55,200	Servia	4, Tokenho. Bidgs. 19, Grey-st N'casti
Cook's Kitchen T Devon Gawton CA Devon Gt Cons. CA	5/- 13/- par % pm.	par ¾pm.	1 0 5 0	1/6 May '95	0 12 6	25,00C 10,240	Tavistock	8, Finsbury circus. 8, Finsbury circus.	English Cr. Spelter FortunaL	36 36 17:6 22/6xd	3/8 3/6 17/6 22/6xd	1 0	214 % Aug. '94 1/- April '95	1 0 0	84,000 25,000	Lombardy Spain	9, Queen-street-place
Doleoath	156 176 45 47	15% 17% 46 48	0 5	12/6 Apr. '94	9 12 6	4,700 61,856	Cornwall Cornwall	Camborne. Dashwood Rouse.	Libiola	314 314 414 414 214 214	336 336 436 436 236 234	5 0 3 0 5 0	4/6 Apr. 95 4/6 April '95 2/- May. '84	5 0 0 5 0 0	50,400 14,998 185,172	Spain Portugal	Dashwood Ho., E.C. 6, Queen-street-place 87, Cannon-street.
East Halkyn AT	20/- 25/- 5 5%	20/ 25/ 5 5%	1 .0	1/6 Sept, '94	0 9 9	12,600 6,40u	Flintshire Cornwall	67, Lord St., Liverpl. Illogan.	Oscar	4/6 5/6	4/6 5/6	3 0 20 0	11/8 Dec *54	3 0 0 20 0 0 10 0 0	117,240 67,409 14,000 325,000	Italy Coueron Spain	6-7. Queen-street-pl
Gawton	1 2	1 2 1/6	2 10 4 0 1 0	5/- Apr., '92 -/6 June '89	2 7 3 4 0 0 0 19 0	12,000 15,000 32,000	Devon I. of Man Cmbering	20, Great St. Helens. Douglas, Isle of Man. Newcastle.	tio TintoC Do. (Mort. Bonds) Do. (2nd do.) Do. (3rd do.)	16% 16% 101 103 xd 101 103 xd 101 103 xd	1 101 103	10 0 100 0 100 C	5 % July. '95	100 0 0	£1692,740 £1024,860 £5 7.080	Spain Spain	30, St. Swithin's-las
Jalkvn L. Do. Die. Mo. Drain	9 10 10 11	9 10 10 11	1 0	2/- June, '95 4/- Mar, '95	1 0 0	10,000	Flintshire Flintshire	Chester. CornEx.Cmb. Chestr.	Tharsis, C Sul West Prus Pre, pref	2/- 4/- 41/4 41/4	2/- 4/- 41/4 41/4	1 0 2 0 10 0	4/- May, '85 87 July 95	0 19 0 2 0 0 10 0 0	95,000 625,000 365	Servia Spain Germany	Glasgow.
sie of ManL	31/4 41/4	234 434	5 0	2/ 95	5 0 0	11,000 6,000	I. of Man	Chester.	West Prussian Pre, West Prussian Or, Wohlfahrt	Ξ	Ξ	10 0	8 % July '95 8 % July, '85 3 % Dec. '94	10 0 0	5,450 14,050 99,634	Germany Germany Prussi	Waibrook Ho., E.C. Waibrook Ho., E.C. 17, Victoria-st., 8, V
cadhillsL	7/6 12/6 15/ 20/ par	7/6 12/6 15/ 20/ par	6 0 1 0 1 C	1/6 Nov.,'94 3/- Sep. '92	5 11 6 6 0 0 1 C 0	20,000 41,990 3,790	Cornwall Lanarksh, Denbigh Fiintshire	Truro. 30, Finsbury-circus. 8. Werburgh Chmbrs	Wohlfahrt	-	-	1 0	3% Dec, '94	0 10 0	9,090	Prussia	17, Victoria-st., 8.1
evant	434 5	434 par	5 0	4/- Nov., '94 1/3 Nov., '91 5/6 Mar. '90	0 15 0 11 9 6 1 16 7 5 0 0	2,500 7.165 9.000	Cornwall Wendron Denbghsh	Chester. Penzance. 3, Gt. Queen-st., S.W. Minera, N. Wales.		1	INDIAN	1	D ASIA	1	1	1	
enthd&Tndle.LZ ewCooksKitn.TC ew Miners	3/6	3/6	1 0	6% Feb., '91 1/- Oct., '92	0 18 0 10 18 3 1 0 0		Nthumbid Cornwall N Wales	Newcastle-on-Tyne. Camborne. 6 Queen-street-place,	Asia Minor Pref. St. Do. Ord,	=	=	0 10	=	0 10 0	42,430 59,838 159,945	Asia Minr	2, Metal Ex. Bidge 2, Metal Ex. Bidge
orth Hendre	1/6 2/-	1/6 2/	2 10 1 0	8 p o year 82 1/- Mar. '90	2 10 0 1 0 0 7 4 6	11,854 5,0.0 10,665	Flintshire Llanrwst Cornwall	11, Nwgt. st., Chatr. Billiter sq. buildings idskeard,	Balaghat Mysore G Burma RubyR Champion ReefG	3/ 3/8 18/8 19/6 45/6 43/4	3/3 3/9 18/6 19/6 45% 43/4 1/8 2/	1 0	4/- Apr. '95	0 19 C 0 18 0 1 0 0	298,551 200,000 200,000	India Burmab India India	8-7, Queen-street- Suffolk House, E 6 6-7, Queen-street- Dashwood Ho., E
hosemorL	15/ 20/ par par	par par	1 0	10 p c Sept. 91	3 7 9 1 0 0 0 19 0	1.000 1.000 18,000	Cornwall Flintshire Flintshire	37, Walbrook. CornEx.Cmb.Chestr. CornEx.Cmb.Chestr.	Coromandel G	1/6 2/	11/ 13/	1 0		1 0 0	95,000 275,000	India	6-7, Queen-street p
oath Crofty TA	2/6 7/6 10/ 15/ 5/- 10/-	2/6 7/6 10/ 15/ 5/- 10/-		3/6 Apr. '93	7 J7 6 17 7 6 2 7 6	6,123 6,120 6,000	Cornwall Cornwall	20, Great St Helens Pool, Cornwall. Redruth.	GoldFldsMysore G Hyderabad Dec	22/ 23/ 856 9	23/- 24/ 256 834	1 0	- July 64	10 0 0	115,000	Deccan	16, St. Helen's-pla
outh Halkyn lacre	par par	par par par	1 0 1 0	. =	1 0 0 0 7 0 0 1- 0	10,000 30,00 20,000	Flintshire Flintshire Flintshire	8. Werburgh Chmbrs 8. Werburgh Chmbrs 84. Forgate st., Chstr	Kempinkote GdFd d vsore	1/6 2/ 21/6 25/6 2/6 3/6	1/6 2/ 27% 3xd 3/ 4/	0 5 1 0 1 0	2/6 June '85	0 3 6 1 0 0 0 18 0	750,000 248,354 100,007	India India India	6-7. Queen-stplace 6-7 Queen-street p 2. East India Aven
eardaleL	6¾ 7¼ 8/9 15/- 20/- 5 5¼	634 756 8/9 15/- 20/-	. 0	2/- Aug. '94 1/3 Oct. '90 2/6 May, '39 2/- Dec, '94	15 7 6 1 10 0 17 1 7 1 2 0	6,000 50,000 6,144 6,000	Oornwall Durham Cornwall Cornwall	Carn Brea. 3, Lombard-court, Camborne. 37, Walbrook,	Mysore Reets G Mysore West(N)G Mysore Wynaad G	8/6 9/6 17/6 20/- 17/6 20/-	9/6 10 E 17/6 40/- 17/6 20/	1 0	Ξ	1 0 0 0 19 0 0 19 0	160,000 127,408 125,000	India India India	Dashwood Ho E
rest KittyT real AgarTA heal BassetTC heal FriendlyT real Grenville T	5 51/6 9/6 7/6 30/ 35/ -/6 1/-	5¼ 5¾ 2/6 7/6 30/35/ -/6 1/-		2/6 Aug. '88 10/- Apr.'88	23 15 2 12 3 0 0 12 9	8,000 8,144 10,000	Cornwall Cornwall	Redruth. Redruth. 1:0, Cannon-st., E.C.	Nine ReefsG	2/3 2/9	2/5 3/-	0 10	_	0 10 0	250,000	India	6-7, Queen-street-
heal Grenville T heal KittyT heal Metal &F.T	12 1234	12 123 <u>6</u> 2/- 4/-	:	2/8 Nov. '94 3/- Mar. '88	18 2 0 4 5 6 0 13 9	6,000 8,590 10,784	Cornwall Cornwall	7, Union-court, E.C. Truro. 14, Broad-street.	NundydroogG	31/4 31/4	1% 2 3% 3%	1 0	1/6 July. '95 2/6 Apr. '95	1 00	145,000 107,011	India	6-7, Queen-street-
	А ПЕФЪ	ATTAN	A BIT	D NEW			MINES		Do. (10 % Pref.). Do. (10 % Pref.). Strang Kabang T	43/16 41/16 33/6 33/6 -1/16 4/16 13/6 13/6	336 356 Via 24a	1 0 1 0 1 0	2/6 Apr. 95 2/6 Apr. 95	0 5 0 1 0 0 19 0	12,989	India Malay Pn. Pahang	ta, Jeffrey's so.
botts	1/3 13/9	1	1 0	- HEW	0 17 6	67,000	M'rehisop		Straits D-velopmt, YerrakondaG	2/ 3/	2/ 3/	0 4	=	0 2 6	187,491	Mysore	6-7, Queen-street.
hilles Gld Flo addins Lamp 6 soc. Gold Mine	3/6 4/-	3/3 3/9 18/14 13/14 12/6 15/-	2/6 1 0 1 C	-/6 July 95	1 0 0	642,456 100.0 0 375.000	N. Zealand N S. Wales Coolgardie	Poultry.			NORT	H	MERICA	N MI	NES.		
netin	1 t/6 17/6 2/9 3/3	15/- 20/- 3/3 3/9	1 0	-/8 Mar '92 1/6 July '94	1 0 0 7 7 6	50,400 210,000 18,315	Murchisor Queenslas S. Austral,	23, College hill, EC 6, Queen-st, place 15, Old Jewry Chbrs	Alaska MexicanG Alaska Treadwell G	196 196 4 4% -/6 -/9	136 156 4 434 -/9 1/-	\$5 \$25 2/6	7 1-5d. Apr. 95 1/6 Jan., 95	\$5 \$25 0 1 10	160,000 203,000 351,008	Alaska	30, St. Swithin's- 30, St. Swithin's- 6, Queen-street-pla
as. Bro. Hill Con. aker's Creek G syley's Reward G	2/9 3/3 16/3 18/9xd 9/~ 10/	10/ 11/-	1 0	1/- June, '91 1/- May '95 -/4 Dec. 94	1 0 C 0 17 6 1 0 0	537,138 100,000 480,000	N.S. Wale N.S. Wale: Coolgardia	Dashwood House, Hillgrove, N.S. Wales F'ab'y, H. Bi'mf'ld St.	Almada and T S American Belle S Anglo Mexican S Arizona (Pref.) Cu	1/3 1/9	29/9 30/-	1 0 5 C	-/6 Mar. '91 3/- Jan. '90	1 0 0 5 0 0 4 0 0	398,890 74,850 158,920	Mexico Arizona	25A. Old Broad-etr. 23. College Hill. 74. Geost. Edinb
lackett's Claim G	6/3 8/9 14/ 15/	% 34 6/3 8/9 13/ 14/	1 0	=	0 15 0 1 0 0 1 0 0	80,000	Coolgardi N Zealan	Flomfield Ho., E.C. Winchester House 8, Gt. St. Helens'	Do. 614 A Deben. Do. 7% B Deben.	101 87	100 83	100 0	7% May '95	100 0 0	£135,300 £181,300	Arizona	74, Geo. st. Edinb
rilliant	14/ 16/- 1% 2xd 1% 1%xd	14/6 15/6±0 -76 2 1% 1%	2 0 0 10 1 0	-/4 May '95 -/6 Ju y 95 5d. June '95	2 0 0 2 0 0 C 6 3	250,000 72,000	Queensing Queensing Queensing N.S.Wales	Charters Towers, Gracechurch-st, Charters Towers,	Big Creek Ay. California G	-	2/6 3/6	0 10	1/- Dec. '91 -/6 May 90	0 10 0	50,000 621,8°8 112,492	Nevada Colorado Colorado	St. George's Ho E. Poultry, E C.
rit Broken Hill roken Hill Prop.	21/18 23/14 xd	21/18 21/18	0 8	1/- July '95	0 8 0	960,000	N S Wales N,S, Wales	Dashwood Ho., E.C. Dashwood Ho., E.C. Dashwood Ho., E.C.	CortesS	=	=	1 0	3% Feb. '93	1 0 0	300,000	Nevada	Suffolk House, B.(
arrington	36 36 11/ 12/- 10/- 15/-	9/6 10/6 17/6 20/	1 0 12/6 1 0	Ξ	1 G 0 0 12 6 0 J2 6	6 ,000 100,007 90,000	Coolgardie Queensind W.Austral	Wirchester House. 9, Tokenhouse Yard. 14, Hillst., Edinboro'	Decatur	22/ 24/ 1/9 2/3	21/ 23/ 1/9 2/3	1 0	1/- Apr , '95	1 0 0	12,500 40,000 420,000	Colorado Edaho	35, Queen Victoria 6, Draper's-garden Winchester Ho. E.
oolgardie (Bhrlws)	3/ 4/	-/9 1/- 15/ 16/ 3/6 4/6	0 2 1 0 0 6	30% June 95 -/3 June 94	0 0 6 0 0 4 8	100,000	Coolgardie Coolgardie Queensind	Winchester House, Broad Street Avenue, 30 1, S. Swithin's-le,	Dickens Custer GS Elkborn	1/9 2/3 6/6 7/6 xd -/9 1/3	8/6 7/6xd -/9 1/3	1 0	-/3 July '95	1 0 0	175,007 403,618	Montana Utah	6, Draper's-garden 15, Geo-st, Mansa, 1
rown Bayley's,G umbrind (New)G ayDawn B.&W.G	3/6 3/6 9/6 10/6	3/6 4/ 11/ 12/-	1 0	2/6 Dec, '87 -/6 Mar. 93	0 10 0	8(,000 184,:90 498,400	Coolgardie Queensino Queensino	Blomneld House.E.C	Plagstaff	=	=	1 0	6d May, 94	0 18 9 1 0 0	240,000 134,000	Utah Colorado	Dashwood Ho., E. 5, Fenchurch st.
ay Dawn P. C. G	5/ 6/	5/- 6/-	1 0	-/6 Apr, '92	0 19 9	120,000	Queensing Victoria	3-5, Gracechurch-st, Winchester Ho., E, O 31, Lombard-street,	Gen. M'g. Assoc, Golden Feather G	8% 7 16/ 17/	614 7 15/ 16/	5 10 1 0 1 0	14/- Apr. 95	5 10 0 1 0 0 0 19 6	27,469 180,00 79,600	C. Breton California California	Blomfield House B. S'ephen- Cs E Bt Stephens Os E
mpress Coolge. G	3/6 1/ 3/4 dis.	34 34 dis	1 0 2 0	2% 1883	0 10 0	70,000	Coo; gardie	2. Tokenhouse bldgs 136, Palmerston-blds	Golden Gate G Golden Leaf G Golden Valley G	5/6 6/- 3/9 4/3 1/3	5/ 8/ 3/9 4/3 1/3	1 0	Ξ	1 0 0	300,259 55,507	Montana Colorado	8, Draper's Garden 15, Angel Court.
lenrock G	1/6 2/	1/3 1/6	1 0	- 1	1 00	225,000	N. Zealand	3-5, Queen-st. B.C.	Harquahala G Holcomb Valley G	1/6 2/6 2/6 3/	1/6 2/6 2/8 3/	0 5	-/6 Oct., '91	0 8 0	300,000 540,000		8. Drapar's Garden 14. Cornbill, E.C.
old Estates	17/6 20/ 11/ 13/6 21/18 29/18 1/18 1/18	17/6 20/- 1% 13/6 111/18 113/18	1 0	Ξ	0 10 0	68,086 80,000 119,380	Murchison W. Austral Yilgarn	Winchester House 42, Gresham House, 3, Gracechurch st,	IdahoGS Jackson Goldfields	5/8 6/-	\$/- \$/6 1/10% 2/1%	5 0	-/2 Dec- 94	0 5 0	143,439 408,635	Idaho California	140, Leidenhallet.
rest Coolgardie rest Fingall Rfs. olden Gate G	136 136 1/3 1/9	% 1% 1% 1/3 1/9	0 10	Ξ	0 15 0 1 0 0 0 10 0	8-,0°0 175,000 150,000	Coolgardie Kurnalpi Queensind	Budge Row. B oad Street House. Tokenbouse Yard.	Jay Hawk (New)G	2/ 2/6 1/9 2/3	2/3 2/9	0 5	-/6 Dec. '92 1/3 Oct. '82	0 19 3	405,000	Montana	Dashwood House, 11. Poultry, E.C.
ampton Lands ampton Plains ampton Plains &x	4% 4% 2% 2% 6/ 7/	436 456 236 234 67 7/	1 0 1 0 1 0	10/- Nov: '94	1 0 0 0 4 0 0 18 0	84,075 351,000 180,000	Onolgardie Coolgardie	1, Whittington Avue 29, 5. Swithin's lane Suffolk House, E.C	Maid of Erin	4/8 5/6	4/8 5/8	1 0	- tc.p sh Sept'94	1 0 0	175 015 575,000 400,000	Mexico Colorado Pnal, Ariz.	20, Bucklersbury, E 43, Threadneedle-s 257, Winchester Ho
annan's BrwnHil	17/6 20/ 15/6 16/6	16/3 18/9 15/- 16/-	2/6	2/6 July '95	1 0 0 0 2 6	65,000 250,000	Coolgardie Coromadi.	Dashwood Ho.; E.C.	Mammoth Gold Mesq. d'i Oro (P) G Mesq. d'i Oro (D) G	=	= 14/- 15/-	5 0 5 0 1 0	-/3 July '95	1 0 0 5 0 0 5 0 0	10,000 10,000 657 158	Mexico Mexico Montana	Dashwood Ho., E. Gresham House, E.
heonga	3/3 3/9 7/6 8/6 10/ 11/	3/6 4/- 7/6 1/6 10/ 11/	1 0	-/6 Jan. '91	0 9 9 1 0 0 0 19 6	88,275 250,000	Queensind So. Austral N. Zealand	70 71, Bishopsgate st. 58, Coleman street, 9, New Broad-street.	New Colorado8 N. Consolidated SC	1/3 1/6	1/- 1/6	1 0	=	0 17 0 0 3 6 0 19 9	65,000 248,676 191,045	Colorado Nevada WCarolina	Abchurch Cham. E 15, Angel-court, E 15, George-st., E.C
naellaG	18/3 18/9	1 136 11/ 12/	1 0	=	1 00	80,000	Murchisor. Coolgardie	33, Broad-st. Avenue Throgmorton House	N. Gold Hill	11/3 13/9 -/3 -/6 2/9 3/3	10/- 12/6 -/3 /6	0 10	1/- Oct. '93 -/9 Dec. '85	1 0 0 0 10 0 1 0 0	110,000 120,000 418,888	Colorado N Carolina Mexico	25A. Old Broad-st. Langthorne Ho., E. 4. Copthall-buildin
	19/14 111/16	136 136 136 136	1 0	=	0 10 0	46,000	Murchison	9, Tokenhouse Yard, Flomfield House.	Pinos Altos (Df) GS Do. 15 % Cum Pref	8/ 8/	5/ 6/	1 0	-/6 Mar.' 90	1 0 0	60,000	Mexico Mexico	110, Cannon-street,
ndany G andonderry G & W. Aust. Expl. ainla d Cons. G	12/6 15/- 2 25/6 20 6 22/6	12/9 16/3 2 21/4 21/3 23/9	1 0 1	0 p.c. Dec, '94	0 10 0 1 0 0 1 0 0 0 15 0	65,00 467,000 100,000 150,00	Coolgardie Coolgardie W. ustral	Copthall House 3. Gracechurch at, Broad Street Ho.	Red Mountain 8 Richmond GSL	15/- 17/6			1/- Nov. '94	5 0 0	54,000	Colorado Nevada	11. Poultry, E.C. 44, Coleman-street
awson's Rewrd. G	15/ 17/6 21/3 22/9 6/ 6/6	1 / 17/6 20/ 22/6 6/ 6/6	1 0	-/6 May '65	0 1 0 0 15 6 1 0 0	60,600		Old B and Street 28 & 29 S Swi hin's in 3, Gracechurchest. 18, St. Helen's-place.	Bierra Butter G Do. Plumas Eur. G Bpringdale G	9/ 11/xd 13/ 15/xd 2/3 2/9	9/ 11/xd 13/ 15/ xd 2/6 3/-	2 0	-/6 Apr. '95 -/9 Apr. '95 2d Aug., 94	2 0 0		California California Colorado	138, Leadenhall-st. 138, Leadenhall-st. 20, Abchurch Lane.
Leyshon Gount Morgan Gount Zeehan SL	236 236 xd	236 256 xd -/6 1/	1 0	-/8 Dec. '90 -/8 June, 95	0 17 6 1 0 0	1,600,000	Queensind Queensind	7. Draper's-gardens. 50, Lime-street, Mansion Ho, Cham.	Twin Lake Placers	134 136	134 134	1 0	3/- Feb. 95	1 0 0	26,000	Colorado	8, Lawrence P. Hl. I
urchison Gift urchison Gold Australian G.F.	3/6 4/ 6/ 7/ 19/- 20/-	3/9 4/3 6/ 7/- 19/ 20/	=	-/6 June, '9s	0 19 6	20,000	=	7. Union Court.		SOUTH	AND	CEN	TRAL A	MERIC	CAN I	MINES.	
orth Coolga die.	7/6 7/9 1/ 1/6 13/6 2		1 0 0 5 1 0	2/6 Jan. '95	1 0 0	158,915	Pilbaria	30, St. Swithin's-ia. 228, Winchester Ho. 10 New Broad Street	Anglo-Chilian PfN Do, 6% RylstMB	9¼ 9¾ xd 104 106 xd		100 0	3/11 1-5 Jun 95 8% July, '95 -/8 Mar. '90	10 0 0 100 0 0 1 0 0		Antofaget. Antofaget. Colombia	123, Bishops, st. W 123, Bishops, st. V 184, Gresham Ho.
m's With.of Nat.	11/ 12/ 2/- 3/- 36 34	11/- 12/- 2/- 3/-	1 0	=	0 12 6 C 18 0	75,000	Victoria W.Austral	7-8, Gt. Wnchster St. 33, Old Broad Street.	Antio. (Pref.) G.S. Antioquia (ordiny)	1/2 1/2	1/- 1/3	1 0	-	1 0 0	42,453 1,330,000	Colombia Venezuela	184, Gresham Ho. 57, Moorgate-st. E
cttish Australian leteria Associate.	7/6 8/9	7/6 8/6	1 0 0 5	-/3 May. '95 -/6 July, '95 -/3 Mar., '94	1 0 0 1 0 0 0 5 0	200,00 144,000 200,00	N.S Wales Ohr, Tow. Queensind	Winchester Ho. E.C.	Caratal	1/3 1/6 1% 1% 1/- 1/6	156 138 1/- 1/6	2 0 0 5 5 0	1/- Apr. 94 4/- May, '95	2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	125,00	Peru Colombia Chili	52. Leadenhall stre 5, Copthall-bdgs., E. 12, King-st., Liver
aibi		6% 6% 7/8 8/6 2/6 3/6 18/9 21/3	1 0 0 10 0 5 1 0	2/- June '95	0 10 0	178.828	Orydn, N Z N.8 Wales	43. Threameedle st. 19, S. Swithin's Lane	Colombian HyG	134 254 11/ 13/ 176 256 xd	11/ 13/	1 0	10 frs. Aug. 94 1/- Bept. '94 1/6 May '95	20 0 0 0 1 0 0 2 0 0	75,000	Venesuela Colombia Obili	Oludad Bolivar. 10, Blomfield-stree Dashwood House, H
Argentine. G	1/- 1/8 114 136 xc	1/- 1/8 136 156 xd	1 0	#87 Nav '95	0 19 6	350,000 150,000 17,500	N.Zealand	4-6, Throgmort, Av. 2-5, Queen-street, 33, Old Broad et. FO	Darlen "A"G Don PedroG	336 336 6/8 7/8	236 236	1 0	=	1 0 0 0 18 6	49,553	Colombia Brazil	Manchester. 24-5, Devonsh.OsE
Australian G.F.	39/18 211/18 39/18 211/18 3/0 4/0	356 356 376 476	1 0	20% May '95 2/6 Dec., 94	0 15 0 1 0 0	100,000 65, 00 104,897	W Austral Coolgardie	33, Old Broad st., EO 54, Old Broad st., EO 28 29, S. Swithin's-in, :57, Winchester Ho.	El CallaoG	7/6 12/6	7/6 12/6		%d Feb, '94	5 0 0	267,600	Venezuela	8, Bishopsgtst, W
. Maili 12	2/9 3/3	2/9 3/3	0 8	=	0 3 0	80.000	Pilbarra	Winchester House, 28 & 29,5, Swithin's in 70 Bishopsgate-street 11, Queen Victoria et 11 Queen Victoria et	Frontino & BG	1/6 1/4		1 0	1/- Mar. '95	1 0 0		Arg. (& I.)	3-8, Queen-street, I
hits Feather	7/ 6/	., .,						A STATE STATES	annature annature	44 44	41 41 1		- marine		AND DUG		

"THE MINING JOURNAL" SHARE LIST-(Continued)

SOT	TH AN	D CEN	TRA	L AMER	IUAN	- 1	ms—(Con	anuea),			AFI	LIUA	N MINE	· (Con			
Name.	Olosing Price. July 5,1895	Closing Price June 28, 1805.	Am't. of Share	Latest Dividend.	Called up Per Share.	Amount of Stock or No. of Shares Issued.	Situation of Mine.	Head Office.	Name.	Closing Price, July 5,1895	Olosing Price, June 28, 1895.	Am't. of Share	Latest Dividend.	Called up Per Share.	Amount of Stock or No. of Shares Issued.	Situation of Mine.	Head Office.
vali	* %	94 54 554 574	£ s. 5 0 0 2 1 0 5 0	4/- Bept. '94 8% % '91 15p.c. Dec.'94	8 . d 5 0 0 0 2 0 1 0 0 5 0 0 5 0 0	320,000 105,234 200,000 120,000	Bolivia Nicaragua Chili Tarapaca Chili	10, Avnu. d'Alms, Paris 139, Canuon-street. 79%, Gracechurch-st. 3. Gracechurch st:	Joe's Reef	5% 5% 13% 10%	6/3 8/9 6/ 7/ 134 434 534 554 1034 1036 6 634	£ s. 1 0 1 0 1 0 1 0 1 0	10 p c Dec. 94 2½ % Nov.,'3. 10 % July '95 25 % Dec. '94	2 . d. 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0	99,537 650,900 2,000 30,000	Rand	21, Mineing Lane. 31. Lombard st., E 7. Lothbury. Johannesburg. 8, Old Jewry.† 120, Bishopagt st.W
rerpool	1/3 1/9 11/4 2 3/4 4	7% 8% xd 10% 11% 1/3 1/9 1% 2 3% 4	5 1 0 3 0 6 0	7/6 June 95 15/-May, 95 3/4% Nov. '89 8% Nov. '94	5 0 0 1 0 0 5 0 0 5 0 0	22,000 300,000 10,000 22,000	Chili Colombia Chili Chili	70, Gracechurch st. Liverpool. 5, Copthail-building. 9, Gracechurch-st 9, Gracechurch-st	Kimberiey D Kimberiey Rdpt Kierksdorp Koffyfontein D	36 56pm 436 736 22/ 23/	34 34 pm 4 434 24/ 25 18/9 21/3	1	=	0 10 0 1 0 0 9 8 0 1 0 0	98,672 125,000 400.0 0 125,000	Kimberley Kimberley	19. Finsbu y circe 2. Drapers-garden 110. Cannon St. 120. Bishopsgt st.
w Tamarugal N o. 8 % Cum Pref o 6 p.c. Debs	% 11/18 90 93	1/9 2/3 3/4 3/4 9/4 11/26 89 92 1/9 2/3	1 10 1 10 100 0	1s. Dec. *94 8 p.e. Feb. *95 6 p.e. Feb. *95 1/- April *89	1 10 0	200,000 130,000 130,000 £260,000	Tarapaca Tarapaca Tarapaca Colombia	11, Old Broad-st.E.C 50, Lime-street, E.C 50, Lime-street, E.C 50, Lime-street, E.C 10, Blomfield-street.	Lisbon-Berlyn G London & S. A. Ex. Lower Roodep-ort	3% 4 8/ 9/ 9/9 10/3 12% 12% 7/~ 8/-	5% 5% 3% 4 7/ 8/ 8/9 9/3 1:% 12% 7/ 8/	1 0 1 0 2/6 0 10 1 0	25 p.c. June'95 5 % Sept. '93 — 3/- Mar. '95	1 0 0 1 0 0 1 0 0 3 2 6 0 10 0 1 0 0	100,000 115,000 88 , 233 100,0 0	AIMRIOUPE	110, Cannon-stree
ro Preto	516 3)6 116 2	3% 3% 1% 2 3/ 5/	5 0 5 0 3 0 5 k.	4/- May, '95 4/ Y Oct. '89 5% Mar. '92 6% Feb., 94	5 0 0 5 0 0 3 0 0 100 0 0	72,000 40,000 241,956 £400,000	Brazil Tarapaca Chili Venezuela Venezuela	8. Queen-street-place 3. Gracechurch-st. Liverpool. 38, Nicholas Lane. 38, Nicholas Lane.	Main Reef (New) G Mashon Agency Massi Kessi	134 136 256 234 8/- 9/	17/6 20/- 11/4 15/6 25/6 23/4 9/ 10/	1 0 10 10 10 10 10	6% Mar. '90	0 10 0 1 0 0 1 0 0	301,010 100 000 60.000	Manica	8, Old Jewry. 3, Old Jewry, E.(Broad Street Ave
ario	11/16 12/16 2 21/6 51/4 51/4 2 21/4		5 0 5 0	12/6 May '95 5% April '95 5% July, '95 10% June '82 2/6 May, '95 12/6 May '95 23/2 Nov., '84	5 0 0 6 0 0	32,000 75,000 32,000	Chili Chili Chili Chili Chili Chili	57%,OldBroad-street 57%,OldBroad-street 57%,OldBroad-street Finsby,Ho,Blmf'd at 12,King-st.,Liverp 9,Gracechurch-st. Gracechurch-st	May Con. (New) G Metropolitan (N) G Meyer & CharlG Modderfontein. G Montrose	29/16 211/16 73/4 8 153/4 163/4 3/4 1 11/16 19/16	336 34 24 256 776 856 1534 1634 34 1 22/6 25/- 30/ 32/6	1 0 1 0 1 0 1 0 1 0	25% June, '95 3/- Feb. '90 -/4 May '90	1 0 0 1 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1	75,020 71,687 200,000 70,000 240,000	Rand	Warnford-court.]
ta Barbara G ta Elena N ta Rita N Sebastian N ova G re Pref G re Ord G	36 36 234 334 2 234	34 34 234 34 134 234	5 0 5 0 5 0 5 0 5 0 1 0	1/3 Dec. '86 5/- Oct. '94 19/- May, '95 5/ May, '95 107 Dec. '94 6% Dec. '94	0 10 0 5 0 0 5 0 0 5 0 0 0 5 0 0 15 0 1 0 0	80,000 22,000 20,000 29,000 120,0 0 840 10,000	Brazil Tarapaca Chili Chili Colombia Colombia Colombia	Liverpool 3, Gracechurch-st. Dashwood House, E.C Dashwood House, E.C 5, Coprha'l-building- 23, St. Swithin's in. 23, St. Swithin's in.	Namaqua	576 676 156 176 5/- 7/-2 3% 3% 215/6 3%	1 1% 5% 6% 15% 1% 5/ 7/ 3% 3% 2'14 23/14	2 0 1 0 1 0 1 0 1 C	2/6 July '91 	2 0 0 1 0 0 1 6 0 0 17 0 1 0 0 1 0 0	94,331 190,000 2,180 167,462 100,000 100,000 255,000	Rand	83. Hatton Garde Winchester House 33. Cornhill. 8. Old Jewry. E. 120. B shopsgt at.
ima "A"S o. 'B"S .& Altamira o. Pref st indianG	2/3 2/9 2/9 3/3	71/4 8 63/4 7 2/3 2/9 2/9 3/3	5 0 5 0 0 5 0 1	10/- Apr., '98 10/- Dec., '94 -	5 0 0 5 0 0 0 5 0 0 1 0	14,000 6,000 200,000 1,725,585	Colombia Colombia Venezuels Bingo.Dm	18, Finsbury-circus, 18, Finsbury-circus, Broad-st. Avenue, 110, Cannon-street,	New Gordon	8/- 9/- 12 1234 9 914 554 574 3/- 3/: 714 734 34 34 pm	3 3½ 6/ 7/ 11½ 12 9 9½ 5½ 5¾ 3/ 3/5 7½ 7½ par ½ pm	1 0 5 0 1 0 1 0	5% Dec. '89 50 p.e. July 95 10% Mar., '95 1234 pe Mar., '95 25pc. June '95	1 0 0 1 0 0 5 0 0 1 0 0 1 0 0 1 0 0	404,344 88,750 100,000 82,500 278,750 110,000	Griqualand Rand Transvaal Rand Rand Rand Rand	Winchester Hou 53, New Broad-12. Draper's-gard Bartholemew-ho
rcorn Reef G	-/8 1/	/9 1/3	0 5	ICAN M	0 4 0	T -	Millwood	16, Tokenhouse Yard	New Rietfontein G New S, Augustine II New Spes Bona G New Steyn Estate New Virginia G Nigel G Nigel Deep G Nigel Extension	11/6 12/6 276 356 2 236 -/9 1/3 756 7% 334 4 7/9 8/3	11/ 11/6 31/6 31/6 111/16 113/1 /9 1/3 7 71/4 31/6 31/6 7/9 8/3	1 0	10% June '95	1 0 0 0 19 6 1 0 0 1 0 0 0 10 0 1 0 0 0 10 0	160,000 299,137 113,701 125,000 48,335 160,000 195,006 160,000	Rand	24, N John-st., 19, Bury Street
can Alluvial can Alluvial can Gold Con. can Gold Ryco, tantder tes Block G randra EstateG tio-French Exp.	10/ 12/ 2/9 33/3 136 134 14 2 10/ 12/6 14/ 1:/ j 3/6 33%	1% 15% 10/ 12/ 6/6 7/- 2/6 3/ 13% 13% 13% 13% 10/ 12/6 10/6 11/6 33% 33% 28/ 30/	1 0 1 0 1 0 0 10 1 0 1 0 1 0 1 0 1 0	20 p.c. Jan. '95 2/- Oct. 94 	1 0 0 0 3 6 0 16 6 0 8 0 0 1 0 0 0 0 1 0 0 0 0 1 0 0 0 0 1 0 0 0 0 1 0 0 0 0 1 0 0 0 0 0 1 0	20,000 300,000 300,000	Mozambio Mozambio Middlebra Mossel By Transvaal, Transvaal, Rand B. Africa West Cost Rand	11, Poultry.	North Sheba	274 2 114 114 3/8 4/8 4/4 5	29/4 211/1 13/4 13/4 29/4 211/1 13/4 13/4 3/5 4/8 43/4 5 4 43/4 5/ 5/6	1 0 1 0 1 0 1 0 1 0	25/- Nov.'89 10 % July, 95 10 % Mar. '95	1 0 0 1 0 0 1 0 0 0 18 6 1 0 0 1 0 0	375,000 326,000 50,000 111,857 284,000 30,000 437,888	Transvaal	88, London Wali 120, Bishopgt, et. 4, Sun Court, B
ora	6/6 7/- 8/3 8/9 10: 11/ 494 494 20/6 21/6 276 3 134 134xd	3/6 4/- 5/9 6/3 10/ 11/ 3% 3% 13/6 14/6 27/4 29/4	0 10 0 10 1 0 1 0 0 10 1 0 1 0	3/- July 95	0 10 0 0 10 0 1 0 0 1 0 0 0 9 0 1 0 0	520,000 520,000 200,000 83,000 207,496 200,00	Transvaal Transvaal Rand Rand De Kaap Bechuana Bechuana	85. Gracechurch-st, 85. Gracechurch-st. Johannesburg. Warnford-court.11 17. Basinghall-street 19. 8t. Swithin's-lane. 19. 8t. Swithin's-lane.	Paari Central G Pardy's Mozambq Pardy's Bange	10/6 1 /6 16/3 18/9 18/9 21/3 13/4 19/6 23/6 23/4	28/ 28/ 21/6 3 10/6 11/6 17/6 20/ 111/6 113/ 25/6 21/6 7/- 8/- 31/6 33/6	1 0		1 0 0 0 10 0 0 10 0 0 17 6 1 0 0 1 0 0 1 0 0 1 0 0	138,750 13,000 200,001 61,652 140,010 389,750 193 325 125,000	S.E. Africa Manica Swazielnd . Swazielnd . Slack Reef Potchefst m Transvaal .	120, Bishopsgt et Broad St. Avenu Broad St. Avenu 6, Queen-street- 19, Bury-st., E. 17, Basingball St. 33, Cornhill, E.
Golden Quarry ok "B" Lang. vsen Land . G .S. A. Char. felsdoorn G uwayo Synd	24/8 25/6 354 374	24/ 25/	5/- 1 0 1 0 1 0 1 0	=	0 5 0 1 0 0 0 12 0 1 0 0 1 0 0		Rand Transvaal, S. Africa Potchefsts Matabele.	8. Princ-s-st . E C. 4. Tokenhouse-blds 19. St. Swithin's-lane	Randfontein	1% 2% 1% 1% 9 9%	45/8 46/8 32 32½ 2½ 2½ 1½ 1½ 9 9½ 9½ 9¾	1 0 1 0 1 0 1 0 5 0	=	1 0 0 3 0 0 1 0 0 1 0 0	7,000,000 332,738 25,006 37,000 50,000 550,000	R&Rhodess Transvaal Mt & Mash's	59, Holborn Viad 120, Bishopagt at 123, Bishopagt at 19, Finsbury off 8, Old Jewry. 28, Austin Frian
e Asbestos	3/- 4/- 436 436 336 336	2 23/6 x1 176 23/6 x1 176 23/6 x1 43/6 43/6 xd 3/- 4/ 37/6 43/6 23/6 23/6 27	1 0 1 0	1/3 June, '95 1/3 June, '95 10pc July '95 4/- Jan. 95	1 0 0 2 0' 2 1 0 0 0 18 6 1 0 0	50,311 00,000 45,000 75,000 69,006 11,016	Orange Rv Cape Col. Cape Col. Johanbrg. Transvaal. Rand	9, Queen-street-place 9 Queen-street-place 99, Cannon-street. 15, George at Mn. Ho. 8, Old Jewry, E.C. 8, Old Jewry, E.C.	Roodspoort Deep Boodspoort (Kim.) Roodspoort Un. G Ross Deep. Rossenblock Tw'Rfs Rothery Block	436 436 436 436 636 636 536 536 76 1	434 434 434 634 634 634 534 534 76 1	1 0 1 0 1 0	6 p e July '95 = 22 % June, '95 =	5 0 0 1 0 0 1 0 0 1 0 0 1 0 0	170,000 100,000 130,000 300,000 80,000	Rand Rand M. Rf. rand	5. Old Jowry, E.
y and Suburb. G tzeestroom G , Buitfontein D , Deep Levels G , G, Fields B & & Pref 5 % P Deben wn Reet G	10,6 11/6 29/ 30/ 534 534	28% 27 10/11/- 28/6 29/6 5% 8 10% 10% 23/6 24/6x 112 113 10% 10%	5 0	25 % Mar. '95 31/ % Sept. '94 20 % June 95 5/- May '95 7 1-5d June 95 51/4 Jan. '95 25 % June'95	1 00	75,000 140,000 721,500 187,250 1,250,000 1,243,999 6,000 123,000	Rand De Kaap Griquaind Transvaal 8. Africa 8. Africa 8. Africa Rand	98. G esham Ho., E.C 105. Leadenhul-street 62, Lombard-st. 30,88. Swithin's-lane 8. Old Jewry. 8, Old Jewry. 8, Old Jewry. 120, Bishopsgt st Wn]	Salisbury Gold Sheba	17¼ 17½ 8¾ 8¾ 5/6 6/6 15/ 17/6	4% 5% 2 2% 6/- 8/16% 1 1 % 8 8% 5 6 6/6 10/- 12/6	1 0	10 % Feb. '95 50 % June '95	1 0 0 1 0 0 0 18 6 1 0 0 1 0 0 1 0 0 0 15 0	93.000 850.000 119.000 250.000 250.000 120,000	Kand Lydenburg Zoutpan'bg Rand S. Africa Ela defont j Gigld W & B. Bech	18, 5 Helen's p
Seers Consol, D 5 % 1st Deb 5 % % Su! Ob. ban Roodept, G	105 108 xd 105 10 10 34 756 736	756 736	5 0	12/6 Jan. '85 5% July, '95 5%% Apr. 95 3/- July, '95	6 0 0 1 0 0	789.791 £3.500000 720,600 £125,000	Transvaal, Transvaal, Transvaal, Rand	62, Lombard-street. 62, Lombard-street. 62, Lombard-street: 28, Leadenhall-bidg*	South West Rand Spitzkop (New) G Stanhope	11/ 12/	7/16 19/16 13/6 13/4 13/4 2 6/8 7/6	1 0 1 0 1 0	-	1 0 0 1 0 0 1 0 0 1 0 0	158,000 99,070 34,000 220,000	Rand Lydenburg Rand Zoutpan'bg	96, Gresham He Dashwood Ho.
leigh	1 136 136 136 136 136 636 636	1% 1% 5% 5% 1 1% 1% 1%pm 6% 6%	1 0 1 0 1 0 1 0	10% Jan. '89 1/- Dec. 94 25/- Feb. '94	1 0 0 1 0 0 1 0 0 1 0 0	240,000 570,000 66,000 148,000 69,350	Kierksdrp Rand Rand 8, Africa 8, Africa	Winchester House, 170, Winchester-ho. 28, Old Jewry, E.C. 30, 8, Swithin's-in. 119, 8, Swithin's-in.	Trans. Coal Trust Trans. Est. & Dev Trans. Gen. Assoc Frans. Gold Exp. d Trans. Gold Field Trans. Land	2 25/9 31/3 33/4 35/4 8 3/4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	3/3 3/9 1¼ 174 20/ 22/6 2¼ 6¾ 6¾ 676 3¾ 4¾ 10/ 12/	1 0 1 0 1 0 1 0 1 0 1 0	10% Mar. 95 1/- Mar. '95	1 00 1 00 1 00 1 00 1	\$47,978 439,965 285,700 210,000 260,660 135,000 79,915	Barberton . Rand Transvaai . Transvaai . S. A. R Transvaai .	Broad- t. House 76, O.d Broad-st 31, S. Swithn's Suffolk House, 120, Bishopsgt-s
reira	10/ 12/6 956 954 7 754 21/ 27/ 113/10115/10	174 17% 10/ 12/6 9% 9% 6% 7 20/ 22/ 1% 2	1 0	55 % June '95 	1 0 0 1 0 0 1 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0	45,000 105,000 265,000 187,500 150,000 112,750 100,000	Rand De Kaap Transvaal. Rand Rand Rand	120, Bishopsgt st. Wa! 45-6, Leadenhall-st. 30, Bt. Swithin's-lane. 120, Bishopsgt st. Wa: Warnford Court, E.C. 7, Great St. Helen's. Johannesburg.	Trans. Land	8/8 9/6 11/2 19/6 3/6 3/6	5/- 7/- 4 4% 8/6 9/6	1 0	12% % Sep. '94	1 0 0 1 0 0 1 0 0 0 1 0 0	169,999 60,000 100,492 45,070 148,000	Manica Transvaal Rand	Broad Street H
rge GoehG sberg ncairnG d Coast Devei, d Estates TG Fis, DeepG	2 234 436 436 6/6 7/6 12/- 13/- 734 734	35/16 35/16 13/ 2 43/ 43/ 6/6 7/6 12/- 13/- 73/ 75/6 11/3 13/9	1 0 1 0 1 0	15 pc June 95	1 00	130,000 200,000 130,000 600,000 201,000	Drietfon. Rand Transvaal. S. Africa	Johannesburg. Warnford Court, E.O. 2, Drapers-gardens. 11, Queen Victoria-st 46, Queen Victoria-st 8, Old Jewry. 19, St., Swithin's-In.	United Matabele United Pioneer Van Ryn	876 936 536 536	11/4 11/4 9 93/4 7 73/4	1 0	=	1 0 0	-	Africa De Kaap Rand	16, S. Helen'z-pl.
r. Tierrad' Fuego h mstown; G skop	3/9 4/3 17/- 18/- 30/6 11/ 7% 836 11/ 14/	3/9 4/3 17/ 18/- 8/- 8/6 756 774 11/6 12/6 5/6 6/6	0 4	2 % Mar. '92. 2 % Sept. '94	0 4 0 1 0 0 0 5 0 10 0 0 0 8 0	400,000 150,000 400,000 105,700 24,000	Mozambiq Rand Lydenburg Cransvaal . Manica		Wassau	1176 1256 276 356 136 136 936 936 846 836	256 276 136 136 936 936 8 836	1 0	=	1 00	190,000 55,000 240,00 700,000 250,100 130,000 39,021	Rand	8. Old Jewry. 3. Copthall-bld

LEADHILLS.—W. H. Paull, July 2: Brown's vain. The 160 fathom level north of Jeffrey's shaft is driven 56 fathoms if not ditto, set to four men at 37s. 61 per fathom. Vein here if inches, and set to five men at 37s. 64 per fathom. Vein here if lead one. Stoping over the 160 fathom level once the Wilson's shaft, set to four men at 37s. 64 per fathom. Vein here is 3 feet wide, composed mostly of spar and stone, with strong spots of lead one. Stoping over the 160 fathom level south of Wilson's shaft, set to five men at 60s. per fathom. Vein here is 3 feet wide, composed of the time, and men placed to sink a winze in men the south of Wilson's shaft, and also to continue the driving of the 160 south. Said winze is set to five men at 32s. 64. per fathom, per fathom level south of Wilson's shaft, set to five men at 32s. 64. per fathom, per fathom level south of Wilson's shaft is extended 40 fathom level south of Wilson's shaft is extended 40 fathom 4 fant 6 inches, set to two men at 75s. per fathom. Vein the set of four men at 32s. 64. per fathom, will produce at an early date. No. 3 stope over the 145 fathom in forebreast 4 feet wide, worth 30 owts, of ore per fathom. The stope show the 70 fathom is shaft is set to four men at 32s. 64. per fathom, will produce 50 cwts. of ore per fathom. The stope show the 70 fathom stope for the 160 fathom level south of Wilson's shaft is set to four men at 32s. 64. per fathom, will produce 50 cwts. of ore per fathom. The stope show the 70 fathom stope for the 160 fathom stope for men at 32s. 64. per fathom, will produce 50 cwts. of ore per fathom. The stope show the 70 fathom stope for the 160 fathom stope for men at 32s. 64. per fathom, will produce 50 cwts. of ore per fathom. The stope below interested fath will produce 50 cwts. of ore per fathom. The stope below interested fath will produce 50 cwts. of ore per fathom. The stope below interested fath will produce 50 cwts. of ore per fathom. The stope below interested fath will produce 50 cwts. of ore per fathom. The stope below in

The SUBSCRIPTION LIST will be CLOSED on or before WEDNESDAY, the 10th inst., for TOWN, and on THURSDAY, the 11th inst., for COUNTRY.

RIGHTS AND EXPLORING OF RHODESIA, LIMITED. THE

INCORPORATED UNDER THE COMPANIES ACTS, 1862 TO 1893, WHEREBY THE LIABILITY OF THE SHAREHOLDERS IS LIMITED TO THE AMOUNT OF THEIR SHARES.

CAPITAL £100,000, IN 100,000 SHARES OF £1 EACH.

PRESENT ISSUE, 60,000 SHARES, of which 27,500 will be allotted to the Vendors, fully paid, in part payment of the purchase money as hereinafter mentioned.

32,500 SHARES ARE NOW OFFERED FOR SUBSCRIPTION. Payable: 2s. 6d. on Application; 7s. 6d. on Allotment; and the remainder as and when required, in calls not exceeding 2s. 6d. at intervals of not less than three months.

DIRECTORS.

Sir GEORGE W. R. CAMPBELL, K.C.M.G., (Chairman, Suluwayo Syndicate, Limited, &c., &c.), 50, Cornwall Gardens'

8 ir LESLIE FAI KINER, Bart. (Director, United Rhodesia Gold Fields, Limited), 153, Ashley Gardens, S.W.

3. W. BROOMBEAD, Esq. (Director, Zambesia Exploring Company, Limited), 13. George Street, Mansion House, E.C. GEORGE GRANT, Esq. (Director, Ruodesian Mining and Finance Company, Limited), 17. Telegraph Street, E.C. Two additional Directors will be nominated as hereinafter mentioned.

African Agents - Messrs. BRAND, COWEN, and GREY, Buluwayo.

Brokers - Messrs. KING VIALL and BENSON, 4, Adams Court, Old Broad Street, E.C., and Stock Exchange.

Solicitors - Messrs. ERNEST SALAMAN, FORT and CO., Pinner's Hall, Great Winchester Street, E.C., and 61 and 62, Chancery Lune, W.O.

Pankers—THE AFRICAN BANKING CORPORATION, LIMITED, 46, Threadneedle Street, E.C. Auditors—Messrs. WO O DTHORPE, BEVAN and CO., Leadenhall Buildings, E.C. Secretary and Offices-WILLIAM MILNE, 10, ST. HELEN'S PLACE, E.O.

PROSPECTUS.

This Company has been formed primarily to take over from several members of the party who accompanied Messrs. Williams and Hammond through the Chartered Company's territories last year, and others asso lated with them, certain interests and Hights acquired by them in that country, and also to secure other valuable interests which have been off-red by well-known prospectors in Rhodesis.

The properties to be acquired by this Company, in accordance with the terms of the Contract hereinafter mentioned, and as therein appearing, are:—
(1) Right to locate 100 claims in Matabeleland.
(2) One-half interest in 10 claims on the No. 1 West Extension of the Cambrian facel, Victoria District, Mashonaland.
(3) One-half interest in 10 claims on the No. 2 South-Eastern Extension of the Cambrian is one of the Cambrian facel, Victoria District, Mashonaland. The Cambrian is one of the principal reefs originally secured by Mr. Robert Williams, and from Mr. Hummond's report it assays from a few pennyweights up to 4 conces 2 dwts per ton.
(4) 13½ claims on the Extension of the Inex Reef, Hartley Hill, Mashonaland. The Inex Reef belonged originally to the Zumbests Exploring Company and the Exploring Company and well-known and valuable property. Mr. Hammond inspected this Reef last year, and estimated that the value varied between a few pennyweights to 24 dwts.

able property. Mr. Hammond inspected this Reef last year, and estimated that the value varied between a few pennyweights to 34 dws.

(5) An option to acquire for 1000 fully paid Shares in this Company, two town piots in the Township of Victoria, Mashonaland, and one town plot in the Township of Salisbury, Mashonaland, and one town plot in the Township of Salisbury, Mashonaland, and one town plot in the following properties will be acquired, and form the subject of the second Agreement hereinatter referred to:—

(6) Nutwell Farm (1450 morgos), about 3400 acres in extent, situate in the District of Umt-til, Mashonaland. The Panhalanga Range, Buntell, Mashonaland. The Panhalanga Range is well known and of vast extent, the principal companies operating in Rhodesia having secured interests in it, and several gold mining companies are now actively engaged in development work. Assays made by Mr. Hammond of part of the reef gave from 2 dwts. to 1 ounce 16 dwss. to the ton.

(8) 10 claims on the Maggie Reef, Umtall, Mashonaland.

Among the further interests which the Company proposes to sequire, and which have aiready been the subject of negotiations between their present owners and some of the gentlemen above alluded to, are.—

(9) One-half interest in 60 claims, known as the Matabele-Sheba Reef, situated about 35 miles from Buluw-yo.

Mr. O. Jeffers on Clark reports on this property as follows:—"The property consists of 60 claims, double banked, running in a N.W. and S.E. direction. At about the highest point on the hill there are three large old workings of a most excellent character. They cover a distance of some 200 to 300 feet. In the centre of one of these workings as shaft has been sunk 55 feet deep; for about 30 feet it went the open the first property of the head of the property of both walls it is well statified. There is an enormous reef outerbully of both walls it is well statified. There is an enormous reef outerbully of both walls it is well statified. There is an enormous reef outerbully of both walls it

Price of Chill Bars and G.M.B.'s per ton

ings. There is evidently a network of reefs about this point interesting and also parallel; this seems, however, to be the main velv. The character of the reef is shown in this crosscut, which is the only point exposed enough to draw my conclusions from, and I should say has the appearance of being a fissure." Mr. Olark concludes his report by recommending that the property should be purchased, and that a shait be sunk near the old workings on the top of the hill, and also that a proper shaft be sunk where they have shaft No. ?.

(10) 30 claims on the Panbalange Reef, known as the "Carter Aylen and Graham" Block. L. the Carter 10 claims at date of last report a shaft had been sunk 32 feet, and 70 feet of driving done, and in the Aylen 17 clai ms a shaft had been sunk 25 feet, and the drive 175 feet. The drive is at right angles in the strike of the reef and is 70 or feet in length.

had been sunk 22 feet, and 70 feet of driving done, and in the Ayes 125 feet.

1 claim as a shaft had been sunk 25 feet, and the drive 125 feet. The
drive is at right angles in the strike of the reef and is 70 or feet in
length.

(11) Three-quarters interest in 20 claims known as the Missing Link situated
in the Maxoe District near Salisbury, Mashonaland.

(12) 37 claims on the Suburban Reef, Umtali.
(13) 10 claims on the Suburban Reef, Umtali.
(14) 10 claims on the Donga (extension of the Maggie Reef, Umtali.
(15) 10 claims on the North Panhaisaya adjoining the claims of the PauletMashonaland Syndicate.

(16) 20 claims on the Waterfail Reef, Umtali. On one of the blocks a shaft
has been sunk 37 feet, and 37 feet of driving done. The reef is exposed
on the surface showing a width of 5 feet, and in the drive at the 30 feet
level the reef is cut through showing from 5 to 5 feet wide. The property is very favourably situated for wood and water.

(17) 110 claims situated in the Gwelo district.

(18) Bix farms, also situated in the Gwelo district.

(18) Bix farms, also situated in the Gwelo district.

(19) Two Building Stands in Umtali Township.

(20) One Town Piot with Brisk Dwelling House, at Victoris, Mashona'and.
It will be seen that on the completion of purchase of all the above interest
the Company will possess, or have an interest in about 450 mining claims,
many of them being on well known reefs which have been proved to be rich
in gold, whilst the remainder are in districts which mining experts agree are
highly mineralised. From the number of the claims and their distribution
over a wide extent of territory, there is a good prospect of profitable resale to
aubsidiary companies as soon as the necessary amount of development work
has been effected,

It is proposed that this Company shall develop the mining properties to be
acquired to such an extent only, as will justify their floation into separate
working Companies. It is also intended, with part of the reserve Share Capital,
to acquire further interest

thereof have agreed to subscribe between them at par for a minimum of 2400 Shares. They will nominate two additional Directors, who will join the Board after a lottment. The purchase price for the second mentioned properties Nos. 8-8 has been fixed by Mr. E. A. Digbr, the Vendor, at £2850, payable as to £150 in cash, and 2500 fully paid £1 shares in this Company. In order to complete the purchase of the last-mentioned properties No. 9-20 it is estimated that a sum of about £55.00 would be required, leaving sufficient capital to develop the properties with a view to their resaic. The balance of the purchase considerations would be satisfied by fully paid shares of the Company.

Company.

The preliminary expenses, preparation of the necessary Agreements, registration of the Company, advertising, etc., will be borne by the Company.

The following contracts have been entered into, vis:—

The following contracts have been entered into, vis:—

(1) An Agreement dated 21st day of June, 1895, made between John Alexander Chaimers, John Eustace, Henry Witson Fox, George Grant, Dr. Frederick Henry Hatch, Francis Lowry, Alexander John Macphai, and Sir James Sive wright, K.C. M.G., of the one part, and Thomas Alfred Henningsen as Trustee for and on behalf of the Company of the other part.

(3) An Agreement dated 19th day of April, 1895, made between Eugène Auguste Digby of the one part, and Thomas Alfred Henningsen as Trustee aloresaid, of the other part.

(3) An Agreement dated the 5th day of July, 1895, between John Alexander Chaimers, and the other part and The Rights and Exploring of Rhodesis, Limited, of the third part.

(4) An Agreement dated the 5th day of July, 1895, made between Eugène Auguste Digby of the first part, Thomas Alfred Henningsen of the second part, and the Rights and Exploring of Rhodesis, Limited, of the third part.

There are other contracts or arrangements in reference thereto, and as to

and the Rights and Exploring of Rhodesia, Limited, of the third part,

There are other contracts or arrangements in reference thereto, and as to
placing the Capital or some portion thereof and otherwise which may technically be contracts within the meaning of Section 33 of the Companies' Acts,
1857. Applicants for Shares shall be deemed to have had notice thereof and to
have waived all right to any particulars thereof, whether under Section 33 of
the Companies' Acts, 1857, or otherwise.

The above-mentioned Contracts and the Memorandum and Articles of Association may be seen at the Offices of the dolloitors,
One of the Directors, Mr. George Grant, being interested in the purchase of
the properties Nos. 1—5, under some of the above-mentioned agreements will
not, although joining the Board, vote upon any matter connected with the said
purchase.

purchase.

Application for shares should be made on the accompanying form, and forwarded to the Company's Banker, Brokers, or the Secretary, together with the amount payable on application. Where no silotument is made, the sum deposited will be returned in fail, and if the number of shares allotted be less than that applied for, the surplus will be credited in reduction of the payment on allotment, and any balance will be returned.

METAL STATISTICS. TRADE

JUNE, 1895.

COPPER.

(From Mesers, Henry R. Merton and Co.'s Circular for June, 1895).

BITH JUNE. May 31, 1895, 1892. Tons. 38,814 672 33 4,433 4,398 Tons. 32,438 930 79 8,157 5,119 Tons. 39,346 687 Tons. Tons, 29,780 10,019 7,689 7,829 5,825 4,323 4,428 1.611 1,049 4,814 3,974 1,210 1,050 51,521 3,550 1,130 49,961 3,150 1,100 52,204 3,900 50) 53.682 3,500 1,000 Advised FROM CHILI by Mail and Cable, Fine Copper ... Australis, by Mail and Cable, Fine Copper \$6,604 58,132 56,171 54,211 50,073 49,955

£43 0 0 £38 5 0 £43 10 0

£42 17 6

COMPARATIVE STATEMENT.

£42 7 6

				Aft	E PROPE					
	Stock in England and France and		p		England &		Charters	tatre lia to don.	Total	-
-	Affoat there- to from Chili and Australia.	Price of G.M.B,	England and France.	Other European Ports.	Spain and Portugal (excluding Pyrites).	Other Count's.	Chili to Europe.	Shipments from Australia to London.	Suppl's.	Total Deliveries.
			From N.	America,	Tyrives).			-		
	Tons. \$8,182 \$4,21 \$4,239 \$5,335 \$5,395 \$4,664 \$2,235 \$52,738 \$52,738 \$52,434 £2,407 \$51,525	£42 7 6 43 0 0 40 17 6 39 5 0 40 5 0 41 0 0 40 15 0 41 10 0 40 7 6 32 2 6	Tons, 2,128 2,015 1,608 1,636 2,430 4,636 3,839 2,103 2,839 1,803 3,455	Tons. 3,945 2,329 1,950 1,599 1,920 1,229 1,048 1,895 3,779 3,650 4,641 8,385	Tons. 1,775 442 2,318 1,151 1,542 773 1,636 1,535 1,334 909 1,494 1,109	Tone. 6,874 703 1,611 2,991 1,519 2,424 2,366 1,23b 1,098 1,573 3,073 1,816	Tons. 2,100 2,700 1,200 1,200 1,500 1,500 1,200 1,200 1,200 1,800 2,000 1,800	Tons. 860 200 700 850 850 750 650 860 460 850 850	Tons. 17,422 8,589 10,567 9,611 11,453 11,839 8,518 11,520 9,868 15,584 11,199	Tons, 13,451 8,617 9,963 11,334 9,249 11,268 8,476 9,011 10,766 10,241 14,602 9,942
			31,541	30,3.0	16,118	28,173	22,250	7,650	136,042	:27,93
30th June	50,072 47,540 46,898 48,597 47,364 47,152 47,295 46,827 48,049 47,964 47,964 50,483	28 5 0 38 17 6 39 17 6 40 15 0 41 5 0 42 18 0 42 18 0 43 0 0 42 2 6 41 17 8 41 12 6	2,726 2,778 3,559 2,546 3,98 4,921 3,848 8,148 7,097 7,940 4,272 4,238	2,945 2,759 2,811 3,196 3,276 2,809 4,252 4,388 6,275 3,971 2,588 3,412	858 1,976 1,057 1,184 647 1,477 1,687 1,332 989 1,255 1,535 614	3,522 3,023 2,977 1,699 764 850 852 5,684 3,082 821 845 2,607	2,300 1,850 1,650 1,650 1,950 1,950 1,350 2,700 1,400 2,200 1,700 1,400 8,400	850 850 800 850 850 800 410 1000 600 400	13,001 12,936 12,654 10,575 10,385 11,947 13,839 19,400 20,653 16,087 10,940 12,669	10,:06 12,163 12,445 11,342 10,17: 12,096 13,37: 20,61: 10,14: 13,463 12,14:
			53,267	41,582	14,621	26,366	22,800	€,750	165,088	164,961
30th June	49,951 52,094 65,271 67,420 68,507	43 10 0 43 8 6 44 10 0 45 5 0 45 12 6 46 17 6 47 17 8 45 12 6 44 2 6 44 7 6 44 17 6	1,914 3,179 2,521 1,312 1,521 3,266 3,235 2,822 752 1,048 2,887 2,893	#,310 957 905 687 632 456 542 823 850 525 324 590	1,958 1,201 799 1,877 1,170 1,452 2,555 690 762 1,6:9 965 2,148	2,548 1,271 1,084 3,291 2,785 4,899 3,006 1,725 2,922 8,315 2,542 3,744	1,850 1,750 1,600 8:0 3,000 1,000 2,600 1,500 1,500 1,750 1,900 8,200	850 453 650 600 450 703 800 700 800 400 660	11,300 8,928 7,459 8,417 19,855 13,773 2,238 8,040 7,436 7,687 9,059 12,023	11,12(11,07) 10,63(10,56(10,94) 9,01 9,01 9,84(8,90) 8,901 8,98(
		1 41	27,450	9,240	17,285	33,173	21,450	6,250	114,048	120,69

TIN.

(From Messrs. A. Strauss and Co.'s Circular for June, 1895).

	31st May,	30th June	30th June	30th June,
	1895.	1895.	1894.	1993.
Straits and Australian spot	Tone	Tons.	Tons.	2'ens,
	10,313	10,157	6,862	3,278
	1,028	1,427	632	529
	3,775	2,0.5	2,970	3,020
	329	472	450	459
1	15,443	15,081	10,904	5,236
Banca, on Warrants Billiton, spot Ditto afloat Braits, spot in Holland Ditto afloat to Continent	1,743	1,706	780	161
	1,671	1,725	1,902	305
	953	1,193	917	1.597
	1,026	1,043	672	79
	1,495	1,045	1,030	975
	22,311	21,370	18,205	8,423
Total affoat for United States	1,565	1,760	2,100	9,810
Estimated stock in America	3,600	3,590	902	
Total	27,496	26,630	19,207	18,233
Prices of Straits and Australian	£64 7 6	462 15 O	£69 0 0	£83 10 0
Deliveries during the month in London Ditto ditto Holland	1,461	1,402	1,395	1,549
	583	659	785	695
	2,044	2,061	2,180	2,244

Shipments during the month from Straits to London 1,525 Tons Australia to London ... 30 ... 1,195 London Havre, and Holiand to America Straits to America 450 Australia to America 80 Straits to Continent

_	During	During	During	During	During
	12 months	12 mouths	12 months	12 months	12 months
	ending	ending	ending	ending	ending
	June 30, 1895.	June 30, 1894.	June 30, 1893.	June 30, 1892.	June 30, 1891.
Shipments from Straits to America Shipments from Straits to Continent Shipments from Australia to London Shipments from Australia to America. Deliveries of Tin in London	28,192 5,473 12,637 48,600 3,950 1,050 16,800 25,657	26,087 4,195 13,054 43,336 4,441 £00 20,565 27,288 56,025	23,985 8,220 5,740 37,905 4,346 560 14,941 83,339 47,092	17,184 9,115 5,105 31,384 4,376 800 15,377 23,542 45,547	14,833 10,542 4,465 \$9,040 4,357 650 17,765 25,928 46,316

Banca in Trading Company's hands and affoat, 5676 tons.

Proces; Straits and Australian, spot	988	99	£62 15	0	three months	***	£13	0	0
English Common ingots	494	501		0	refined	***	68	0	0
			49 15		Billiton		- 63	0	

SIDE LIGHTS ON THE LAW:

Legal Jottings on Cases in the Courts, and on Questions affecting Mining, Railway, Financial, Industrial, and allied Interests.

BY A BARRISTER.

TUDGING from the nature and quality of the cases being tried in the Commercial Court by Mr. Justice Mathew, the manner in which they are being quickly brought to trial and disposed of is commending this Court to the business centres of activity throughout the country. Mr. Justice Mathew next week is proceeding to take his position on circuit, but owing to the arrangement put into force while Lord Herschell was Chancellor, the sittings in town are not entirely interrupted. Arrangements have, I understand, been made that the Lord Chief Justice who returns on Tuesday from the South-Eastern Circuit, will preside in the Commercial Court in the absence of Mr. Justice, Mathew. Lord Russell is daily proving to the profession and the public that a very great advocate may also possess the capacity and characteristics necessary for a very great Judge, a proposition, owing to distinguished failures, too often questioned.

There seems every hope, now that actions may come on for trial almost as soon as they are ready to be heard, owing to the arrangements already alluded to whereby some seven Judges are continuously kept in town throughout the sittings of the Courts while the circuits are in progress, that business men will be tempted to have their matters tried. It is, however, still a scandal that Judges should be called away to circuit towns in counties to hold sittings in places where there is practically nothing to be tried. That the Lord Chief Justice of England should be taken to Huntingdon, Cambridge, Bury St. Edmunds, and Norwich successively, and have a total of some six or seven insignificant causes in all awaiting him to be tried, besides a few criminal cases, most of which, did the law allow it, might equally fitly be tried and disposed of by the recorders and the Chairman of Quarter Sessions—I do not say equally well, but then Lord Russell tries his case admirably, whether it be civil or criminal, and while wasting no time in the trial, he actually tries the case—a thing that too frequently of late years the profession feels has not been the cases in civil causes. But to send Lord Russell for weeks to do the ordinary work on most of the circuits is like sending a Nasmyth hammer to America to crack a nut. The nut, at least, might be brought to the hammer. least, might be brought to the hammer.

An illustration was given the other day, in the Court of Appeal, of the growing popularity of the Commercial Court, in the case of "Beerlein v. the Chartered M-reantile Bank." The action had been brought by the plaintiff, in the Chancery Division, before Mr. Justice Kekewich, but being subsequently struck by the grasp the Judge sitting in the Commercial Court had displayed of complicated mercantile dealings, the plaintiff applied to Mr. Justice Kekewich to have the case transferred on the ground that it could be better disposed of before the commercial Judge, and urged as a further reason that the latter Judge had the power not belonging to the ordinary Judge of dispensing with the strict rules of evidence. The defendant objected to the transfer, urging that the Commercial Court was formed only to deal with such cases as by their nature could be tried quickly. Mr. Justice Kekewich having refused the application, the plaintiff appealed to the Court of Appeal, which ordered the case to be transferred to the commercial Judge, thinking that it would be better and more economically disposed of by a Judge who had special familiarity with commercial business, at the same time stating that such Judge possessed no greater power for dispensing with the rules of evidence than any other Court.

Is the course of the hearing of the above application the de-

In the course of the hearing of the above application the defendant took the objection that inasmuch as the plaintiff by bringing his action in the Chancery Division had chosen his forum, he could not be allowed to ask to have it tried elsewhere. The Court of Appeal appeared inclined to give weight to this argument until it appeared that the plaintiff had brought his action in the Chancery Division before the Commercial Court came into existence. The suggestion, therefore, as they observed, had no force. Intouding plaintiffs, in questions involving commercial questions, will, therefore, do well, before bringing their actions, to consider whether they had not better commence their suit before the Judge in the Commercial Court.

MINING IN CORNWALL

AND DEVON: NOTES ON MINING IN THE WEST.

(BY OUR SPECIAL CORRESPONDENT).

THERE has been very little doing in the Cornish Share Market forthcoming.

There has been very little doing in the Cornish Share Market has now to be added to other depressing influen es at work, and until the contest is over not much in the shape of a revival can be looked for. The price of Dolcoaths has varied slightly; the new company is registered this week, and the £1 shares will now be dealt in. A gratifying improvement in the mine is reported, and there seems to be every reason for believing that the grand old concern has entered upon a new career of prosperity, though the exercise of a little patience on the part of the shareholders may be necessary. There is very little doing in East Pools, and until a settlement of the long-standing water difficulty with Wheal Agar has been brought about, these shares will be a drug in the market. The standard advanced shares will be a drug in the market shares will be

CAPTAIN JOSIAH THOMAS, managing-director of Dolcoath, is on his way home from Λ frica. He is said to have derived much benefit from the trip.

Miners are still emigrating in large numbers from the St. Just and Camborne districts, every week witnessing the departure of fresh batches. The destination of the majority is Africa, but some find their way to the American continent. It is said that there are now few unemployed in St. Just, with the evception of a few who are too old to seek their fortunes to other experiences and that are too old to seek their fortunes. countries, and that at Levant they are actually in want s. The great development of mining in South Africa has certainly come as a most opportune time for Cornwall. At the present rate there will soon be more Cornish miners in the Rand than in the Mining Division itself.

CARN BREA and Tincroft meetings will be held on Tuesday next. It is said that a call of cs. or 7s. per share will be required to meet the loss which will then be shown. The mine is looking

rather better; the improvement at the bottom end going east at Highburrow east shaft is still maintained.

AT West Frances meeting on Thursday the shareholders listened to a more encouraging statement than has been laid before them for some time. There was acconsiderable loss, it is true but it was less by more than £1000 than was shown at the last meeting, and though the saving has been effected to a great extent by stopping exploratory work Captain Arthur Thomas was able to report a very hopeful prospect at the 90. He proposes to drive a level here as soon as there is an improvement in the price of tin, and as there is a large block of unexplored ground, and in Daubuz's shaft, in the adjoining mine of South Frances, a fine lode has been opened on, the speculation would seem to be a most promising one. It was reported that there was every likelihood of a settlement of the encroachment question which has arisen between the mine and Wheal Grenville. The executive of the latter will certainly think twice before they plunge into another lawsuit.

BLUE HILLS is another mine which is standing the strain of bad times rather better than some of its neighbours. A loss of £381 was shown on the 16 weeks at the recent meeting, against £615 at the last account. Even this amount would have been less but for the fact that there were 2 or 3 tons of the unsold owing to the insufficient burning power available. The manager, Captain Joseph Richards, was prudently guarded in his references to the prospects of the future, but he intimated that there was more than a possibility of dividends being paid before a very long period has elapsed. They expect to be under the tin ground in another two quarters, and then the adventurers may hope to reap the long-deferred reward of their patience.

A SMALL dividend is generally expected at the forthcoming meeting of Grenville adventurers.

A STATEMENT is published to the effect that a letter has been sent to the East Pool committee by the executive of Wheal Agar, asking them to take up the responsibility which Messrs Lanyon and Jenkin have thrown up, and stating that unless they comply with this request, the engine will be stopped on the 8th. The with this request, the engine will be stopped on the 8th. The Wheal Agar people are understood to be ready to entertain a proposal of the amalgamation of the two mines on fair terms.

CORRESPONDENCE,

** We wish it to be understood that we do not hold ourselves responsible for, and
do not necessarily endorse, the opinions of correspondents. All communications must be accompanied by the names and addresses of the senders,
though these need not necessarily be published.

JULIA TALTAL NITRATE COMPANY.

TO THE EDITOR OF "THE MINING JOURNAL."

TO THE EDITOR OF "THE MINING JOURNAL."

IR,—Another expedient is being ingeniously contrived to prolong the vitality of this frail and sickly child by an issue of £25,000 6 per cent. debentures—to all appearances the expiring flicker before the flame goes out. For sooth, it's a long time now since Julia's fascin-tions were favourably represented and favourably accepted; but, alas! I fear, her day is over.

After the recent reconstruction period, every subscription of ls. was to have developed untold gold in the shape of nitrate of soda, but up to date with no result, beyond apparently a market rig to 20s., and a further collapse to 8s. This time the parrit cry of distress is the "caliche;" it is too hard, and, moreover, this untoward incident, notwithstanding the highly-capable management of which they boast, was never noticed before.

It is but a few short months since the directors of this company issued a high-sounding circular to their shareholders making much of the fact that their manager abroad had cabled home to buy him some shares, which were then at a high figure; it will, therefore, be interesting to know that these shares have been steadily falling ever since. Of course, whatever way it may be put, there only one conclusion. Either these intimations were given out with the view of opening up a market and putting a favourable complexion on things generally, or the management on the other side is absolutely incompetent to deal with the position. The crux of the whole situation is the cost of reducing the caliche to its commercial standard, and if the staff, after such a lapse of time, cannot correctly gauge the approximate cost, there's a screw loose somewhere, since also the process of reducing the caliche to its commercial standard, and if the staff, after such a lapse of time, cannot correctly gauge the approximate cost, there's a screw loose somewhere, since also the process of reducing

the caliche to its commercial standard, and if the staff, after such a lapse of time, cannot correctly gauge the approximate cost, there's a screw loose somewhere, since also the process of reduction is remarkably simple.

But apart from all this, certain stock-broking firms of considerable position have been recommending the purchase of these shares, presumably on good information. The Stock Exchange Committee make it widely known that members of the Stock Exchange are not allowed to advertise, but they do not make any stipulation as to touts, or the storing-up of useless rubbish to be palmed-off on the public as the genuine article. Whether there's anything equivocal is best known to those in the swim; at the same time sufficient evidence has been elicited to guide intending investors. On the face of it, it would be utter folly to contract further obligations till more reliable information was forthcoming.

to bear upon them, I am condent that they will be very prontable. In comparing Welsh gold mines with either South African or West Australian gold mines, everything is in favour of the Welsh gold mines. The latter are close to railways, have plenty of water, cheap labour, can be worked by adit, and, as demonstrated by the amalgamation of 13,550 tons, yield over 16 dwts. gold per ton. We may truly ask ourselves, why go abroad? when we have such rich gold with the property of the strength of the property of the strength of the strength of the service of the strength of the service of the strength of the service of th selves, why go abroad? when we have such rich mines almost under our feet, which investors can examin themselves for a small sum, at the same time enjoying them-selves in the mountains of Wales. I shall be in the district at the end of this week, and to investors who may be interested in Welsh gold mining I shall be pleased to render every assistance.

Yours faithfully,

JOHN L. M. FRASER,

Consulting Mining Expert,

Ship Hotel, Dolgelly, North Wales.

As regards Nigel Deep, we hear that a big amalgamation scheme is about to take place, in which the Consolidated Gold Fields are largely interested, and upon this knowledge very considerable buying has taken place.

REPORTS FROM THE MINES

BRITISH MINES.

BRITISH MINES.

DEVON GREAT CONSOLS.—William Clemo, July 4: Watson's engine shaft. In the 172 fathom level east the lode is 4 feet wide, composed of capel and quartz. In the 148 fathom level east the lode is 3 feet wide, producing 2 tone of copper and mundic ores per fathom. The stopes throughout the mines are turning out fair quantities of copper and mundic ores. Since the date of the last report we have had a heavy fall of rain, and our large water-whoels at Blanchdown are all in full work.

POLBERRO.—Charles Thomas and John Harper, July 1: In sinking the engine shaft we find branches continue to drop in from the north, and the last sample yielded 16 lb. tins to the ton. Seeing the very favourable character of the ground in the bottom we have decided to continue sinking a further 5 or 6 fathoms before commencing the new crosscot north, hoping to let down the water in the 26 on Chappel's downright, and perhaps meet with this lode in the shaft. We can make very fair speed in sinking, as the skip is now working to the bottom, and this facilitates the clearing of the stoff. The last parcel from the 26 crosscut north produced 9 lbs. tin to the ton. This crosscut has passed through a section of profitable ground, as previously reported, and we are now continuing the crosscut with a view of reaching the North House lode.

WHEAL FRIENDLY.—Charles Cole, July 1: We commenced the new work on Monday 24 with six mer. I set the men a contract to enlarge the adit, out pole ground, cut cistern plot, cut down the shaft 16 feet, and put in all timbers that may be required for the sum of £33. I have not set the cutting of ground for the bearers, as I shall be able more correctly to ascertain what sum should be paid for it after the shaft is cut down. We have 1½ ton of tin ore ready for sale, and I shall take it to the smelters myself next Friday. We have also 30 tons of tin stone on the floors, which produce 28 lbs. of tin ore to the ton of stuff.

smooth ob paid for Ratter the snarts of car down. We have ig ton fit in ore ready for sails, and I shall take it to the smelters myself next Friday. We have also 30 tons of tin stone on the floors, which produce 28 lbs. of tin ore to the ton of stuff.

COLONIAL, INDIAN, AND? FOREIGN MINES.

BAYLEY'S REWARD CLAIM.—The London office of this company has received from its head office in Melbourse the following report, which has been made upon a sample of the rich pyrites from the 225 feet level of the Bayley's Reward Mine, West Australia. The sample was crashed, and the very fine slimes removed, these assayed at the rate of 114 connes of dws. 16 grains per ton. Half a pound of the ore was taken, and repeatedly treated with cyanide of potassium solution (strength 1 per cent.) this operation was continued 40 days, it being repeatedly examined to see how far the action had proceeded. When all the very fine gold had been removed by the action of the cyanide the coarse particles were extracted with mercury, and the tailings assayed, when they gave the result of 50 conces 3 dws. 16 grains per ton. The total gold end and the same and the same of the tailing all the continual to the same of the tailing all the continual to the same of the tailing all the continual to the same of the tailing all the continual to the same of the tailing all the continual to the same of the tailing all the continual to the same of the tailing all the continual to the same of the tailing all the continual to the same of the tailing all the continual to the same of the tailing all the continual to the same of the tailing all the continual to the same of the tailing all the continual to the same of the tailing all the continual to the same of the tailing all the continual to the same of the tailing all the continual to the same of the tailing all the continual to the same of the tailing all the continual to the same of the same

few fact from the surface. I have recently paid considerable attention to this, and I found that the strata are identical with that of the Perseverance Colliery, now being worked at a distance of 10

THE EMPEROR GOLD MINING COMPANY, LIMITED .- Mr. H, Seton-THE EMPEROR GOLD MINING COMPANY, LIMITED.—Mr. H. Seton-Karr, M.P., presided on Wednesday at the statutory meeting of this company, and gave the shareholders some particulars of the undertaking. They had gone to allotment in April last; all the capital asked for had been subscribed; they had £10,000 for working expenses, which, in the opinion of experts, would be amply sefficient for the development of the mine; and they had 10,000 shares in reserve, which could be issued later on, as may prove desirable. All details connected with the transfer had been settled, and the property was now registered in the name of the company. Through the intervention of some of the promoters of this company, who were also intervention of some of the promoters of this company, who were also interested in other properties in the Murchison district, they had secured the services as managing director on the spot of Mr. Fell, who was well and favourably known. Gold mining was, of course, always a speculation, but this was, at least, a straightforward and honest one, and one that he hoped would yield good results before very long.

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BAYLEY'S REWARD No. 1 SOUTH (Coolgardie, W. A.).—May 13:—Main shaft. During the week work has been suspended at the 170 feet level and the men engaged in opening out a small intermediate chamber about midway between the two drives. This I hope to complete during the coming week, after which we shall start to drive north at the bottom level.—90 feet level. North drive from the 90 feet level has been advanced 21 feet, total 110 leet. Lode about 16 inches wide at times, exposing a little gold.—Stopes. Both the stopes above the north and south drives continue to yield stone to supply the battery. Size of lode is very uncertain, ranging from 6 inches above the north and south drives continue to yield stone to supply the battery. Size of lode is very uncertain, ranging from 6 inches up to 3 feet in width, in which gold is frequently seen, the enclosing rock being of a soft friable character, the workings having to be filled as soon as the stone is removed.—Machinery. The machinery is employed full time both crushing and winding, all being in good order and working well. Have also commenced the erection of the Berdan pans to enable the blanketings to be treated.—(Signed)

order and worsing well.

Berdan pans to enable the blanketings to be treated.—(Signed)

W. H. Matthews.

— Coolgardie, W.A.: Mining report, dated May 19:—Main shaft.

The intermediate chamber between the two drives has been completed. Will now timber up a portion of the shaft previously left untimbered, put in the second row of centres from the 90 feet down, and fix the cageroad to enable winding with cage and trucks instead of at present.—90 feet level, North drive has been extended 6 feet, total being 116 feet from shaft. Lode 18 inches wide, at present timbering drive.—Stopes. Stopes above the drive both north and south yielding stone which is being passed through the battery. No particular change to report as to size or value since my last.—Machinery. Machinery is working well, and a portion of the framework of the Berdan pans placed in position.—Tramroad. Tenders for the supply of all material for a double line of tramroad from the shaft to the battery were received on the 17th, the lowest being £145, which was considered a fair price, it was accepted to be completed within one month.—Stone treated. Stone treated for the fortnight has been 216 tons, yielding 145 ounces of gold, which is not quite so much as I expected.—Gold dispatched. On the 17th, 148 ounces 10 dwts, of bar gold per escort.—(Signed) W. H. ounces 10 dwts, of bar gold per escort.-(Signed) W. H.

completed within one month.—Stone treated. Stone treated for this hort quite so much as I expected.—Gold dispatched. On the 17th, 180 onnees 10 dws, of bar gold per escort.—(Signed) W. H. Marthews.

DE LAMAR.—Copy of Captain J. W. Plummer's monthly report for May: Recort of mining and milling operations for the month ending May 31: Mining. Ore braking department. Hamilton vein. showe 3rd level, Average width of vein 3 feet 8 inches, assaying \$24-90 in gold and \$1 in silver equals \$25:90 per ton.—77 feet vein, above 4th level, intermediste. Average width of vein 4 feet; 3 inches, assaying \$21:16 in gold and \$1 in silver equals \$22:18 per ton.—77 feet vein, 4th level, west stone. Average width of vein 4 feet, assaying \$20:00 in gold and \$1 in silver, equals \$22:31 per ton.—77 feet vein, 5th level, Average width of vein 6 feet, assaying \$20:00 in gold and \$1 in silver, equals \$22:30 per ton.—77 feet vein, 5th level, Average width of vein 6 feet, assaying \$20:00 in gold and \$2 in silver equals \$20:50 in point, 4th level, Average width of vein 6 feet, assaying \$16:00 in silver equals \$20:50 per ton.—77 feet vein, 8th level, west stope. Average width of vein, 6th level, intermediate. Average width of vein 6 feet, assaying \$16:00 in gold and \$2 in silver equals \$16:00 per ton.—77 feet vein, 8th level, west stope. Average width of vein, 6th level, intermediate. Average width of vein 6th level, average width of vein 6th vein, 5th level, feet vein, 8th level, west stope. Average width of vein 6th level, level, 10th level, average width of vein 6th level, level, 10th l

On Thursday last in a drive extending south-east we passed through some very rich stone, a piece of which I am sending you per this mail, As far as I can judge, the trend of the reef is going to be mail. As far as I can judge, the trend of the reef is going to be north and south. No. 5 east drive has been extended 29½ feet, the reef for that distance is carrying gold from 4 dwt. to I ounce per ton. Opposite the north-west drive, a drive has been extended southeast a distance of 7 feet, and carries gold from 8 dwts. to 1½ ounce per ton. Since we strock the reef we have done about 90 feet of driving in it, and I think it is impossible to take a bulk sample anywhere in the drive without getting a prospect. The reef is all ploking ground, and since we struck it not an ounce of explosives has been used. As the reef gets opened up I think very rich shoots of gold will be met with. I had three assays made from bulk samples of the new reef by Mr. Hooker, A.R.S.M., to check our tests on the mine, which I enclose. Wynne shaft has been suck a further depth of 7 feet new reef by Mr. Hooker, A.R.S.M., to check our tests on the mine, which I enclose. Wyone shaft has been such a further depth of 7 feet total to date 173½ feet. North crossout has been extended a further 27 feet, total to date 179 feet. No. 9 reef, west drive, has been extended a further distance of 6½ feet, total to date 23½ feet. The reef is 3 inches wide of 15 dwts. stone, No. 6 reef winze has been sunk a further depth of 6½ feet, total to date 105½ feet. The reef is 7 inches wide, of 1½ ounce stone. In the bottom better gold is showing, and I think next week there will be a great improvement in the quality of the stone.—Assay of Mr. Brian Hooker, A.R.S.M., May 12; I hand carefully assayed the three samples of ore you sent

me, and I checked each assay with the following results. No. 1, gold, 10 dwts. 10 grains; No. 2, gold, 1 cunce 19 dwts. 4 grains; No. 3, gold, 1 cunce 8 dwts. 18 grains to the ton of 2240 lb. There is practically no silver in it, the gold being nearly pure; the above results are in pure gold.

JUMPERS (THE).—Summarv of operations for the month of May. 100 head mill. To mining 10,478 tons, 8., 7-14d., £4503 2., 3d. To hauling and pumping 10,478 tons, 2., 10-334., £1498 17., 31. To transport 10,478 tons, 6.464., £281 19., 5d. To milling 10,390 tons, 6s. 8-134., £3469 1., 7d. To charges, 10,390 tons, 7-24d., £313 11s. 2d. —19s., 3-30d., £10,066 11s. 8d. To redemption on 10,478 tons, 5s., £2619 10. Cost per ton, 24., 3-30d., £12,886 1., 8d. To cost of treating 4376 tons tailings, £1123 15s. 3d. —£13.809 16s. 11d. Profit for month, £8733 14s., 3d. —£22,543 11s. 2d. By 4761-80 cunces gold at 74s., £17,618 13s., 2d. By concentrates, 806 cunces, £2332 5s. By tailings sold, £875—£20.825 18s., 2d. By 572-55 cunces gold from tailings, £1717 13.—£22,543 11s.2d.—Total receipts and expenditure for month. To cost, mining and milling, £10,066 11s. 8d. To cyaniding, £1123 15s., 3d. To plant account, &c., £1482 5s., 3d. To mine development, £2806 8s. 6d. To buildings, £0, £751 1s. 104. To balance, £6313 8s., 8d.—£22,543 11s. 2d. By gold, concentrates, and tailings, £22,543 11s. 2d. Delven and sunk during month 893 feet. MYSORE GOLD.—R. Hancock, June 11: Mining operations for

balance, £6313 8. 84.—£22,543 11s. 2d. By gold, concentrates, and tailings, £22,543 11s. 2d. Driven and sunk during month 893 feet.

MYSORE GOLD.—R, Hancock, June 11: Mining operations for the fortnight ending June 10: Rowse's shaft, 1460 feet level north of crosscut west. This end has been driven 8 feet, making a total distance driven of 192 feet; there is nothing here to report.—1460 feet level north of sump winze. This level has been driven 19 feet, making a total distance driven of 259 feet; the lode is 4 feet wide, assaying 6 dwts. 12 grains.—1460 feet level south of sump winze. Driving south from the bottom of the winze. Driven 29 feet, making a total distance driven of 40 feet; the lode is 3 feet 6 inches wide, assaying 5 dwts. 5 grains. The rise in the back of this level wide, as aying 5 dwts. 5 grains. The rise in the back of this level against Ribblesdale's shaft has been put up 22 feet, making a total height of 66 feet; the lode is 4 feet wide, assaying 8 dwts. 11 grains.—1360 feet level south of crossout. There are three stopes in the back of this level, the average width of the lode being 1 foot 8 inches, giving an average assay of 13 dwts. 21 grains.—1360 feet level north of crossout. There are two stopes in the back of this level, the average width of the lode being 1 foot 6 inches, giving an average assay of 6 dwts. 19 grains.—1380 feet level south of such of such of such of such of such of the lode being 1 foot 6 inches, giving an average saws of 6 dwts. 19 grains.—1380 feet level such of s average width of the lode being 1 foot 6 inches, giving an average assay of 6 dwts. 19 grains.—1360 feet level south of sump winze. This level has been driven 21 feet, making a total distance driven of 69 feet; the lode is 3 feet wide, assaying 12 dwts.—1260 feet level north. This level has been driven 17 feet, making a total distance driven of 764 feet; there is nothing here to report. There are three stopes in the back of this level, the average width of the lode being 6 feet, glving an average assay of 16 dwts. 13 grains.—Driving south on the fold from the top of the sump winze. Driven 3 feet, making a total distance driven of 9 feet. The lode is 2 feet wide, assaying 6 dwts. 16 grains.—1260 feet level south. There are three stopes in the back of this level, the average width of the lode being 3 feet on the fold from the top of the sump winze. Driven 3 feet, making a total distance driven of 9 feet. The lode is 2 feet wide, assaying 6 dwts. 16 grains.—1260 feet level south. There are three stopes in the back of this level, the average width of the lode being 3 feet 8 inches, giving an average assay of 1 ounce 3 dwts. 1 grain.—1160 feet level north. There are four stopes in this level, the average width of the lode being 2 feet 6 inches, giving an average assay of 14 dwts. 21 grains.—1160 feet level south. This level has been driven 3 feet, making a total distance driven of 430 feet 6 inches. The lode is 1 foot 6 inches wide, assaying 8 dwts. 11 grains. There are two stopes in this level, the average width of the lode being 1 foot 6 inches, giving an average assay of 13 dwts. 6 grains.—North of the crossout east. This end has been driven 17 feet, making a total distance driven of 103 feet. There is nothing here to report, the lode baving plached out.—South of the crossout. This end has been driven 11 feet, making a total distance driven of 41 feet. The lode is 1 foot 6 inches wide, assaying 10 dwts. 10 grains.—The lode in the stope in the back of this level i 2 feet wide, assaying 1 ounce 7 dwts. 10 grains.—1060 feet level north of crossout. This level has been driven 19 feet, making a total distance driven of 43 feet. The lode is 1 feet wide, assaying 1 ounce 12 dwts. 6 grains. We have started a winze in the bottom of this level dwts. 6 grains. We have started a winze in the bottom of this level assaying 2 ounces. There are three stopes in the back of this level, the average width of the lode being 4 feet 4 inches, giving an average assay of 1 ounce 1 dwt. 6 grains.—620 feet level north of new chots. The rise in the back of this level has been put up 5 feet, making a total height of 18 feet. We have suspended this and put the men to sink the winze in the bottom of the 890. There are 5 stopes in this level, the average width of the lode being 2 feet 5 inches, giving an average assay of 1 ounce 1 dwt, 6 grain 248 feet below the 620 feet level.—466 feet level north. The lode in the stope in the back of this level is 4 feet wide, assying 2 dwts. 14 grains.—400 feet level north. There are 2 stopes in the back of this level, the average width of the lode being 2 feet, giving an average assay of 8 dwts. 18 grains.—236 feet level north. There are three stopes in the back of this level, the average width of the lode being 1 foot 2 inches, giving an average assay of 1 ounce 0 dwts. 21 grains.—Taylor's shaft, 466 feet level north. The lode in the stope in the back of this level is 2 feet wide, assaying 5 dwts. 5 grains.—Gilbert's shaft, 520 feet level north. There are 4 stopes in the back of this level, the average width of the lode being 2 feet, giving an average assay of 13 dwts.—520 feet level south. The lode in the stope in the back of this level, is 2 feet wide assaying 11 dwts. 17 grains.—430 feet level north. There are two stopes in this level, the average width of the lode being 2 feet 1 inch, giving an average of 16 dwts. 7 grains.—360 feet level north. The lode in the stope in the bottom of this level is 2 feet 6 inches wide, assaying 5 dwts. 5 grains.—290 feet level north. The lode in the stope in the back of this level is 2 feet 6 inches wide, assaying 5 dwts. 5 grains.—290 feet level north. The lode in the stope in the back of this level is 2 feet dia has a saying 9 dwts. 18 grains.—290 feet level south. The lode in the stope in the back of this level, the average width of the lode being 3 feet, giving an average assay of 9 dwts. 2 grains.—Tennant's shaft, crossout west at the 750. This has been diven 2 feet 10 inches, making a total distance driven of 132 feet. We have suspended this, and have put the machine to drive north on a branch of quarts we intersected by the crossout 60 feet west of the shaft. Driven 11 feet, the lode is 1 foot wide assaying 8 dwts. 11 grains,—520 feet level north. There are two stopes in the bottom of this level, the average width of the lode being 1 foot 9 inches, gwing an average as lode being 1 foot 9 inches, giving an average assay of 8 dwts. 18 grains.—Schaw's shaft, 450 feet level north of crosscut. There are three stopes in the back of this level, the average width of the lode three stopes in the back of this level, the average width of the lode being I foot 4 inches, giving an average assay of 9 dwts, 23 grains.—450 feet level south of orosecut. This level has been driven 2 feet 3 inches, making a total distance driven of 330 feet 6 inches, the lode is 3 inches wide. No assay made. The winze in the bottom of this level has been sunk 7 feet 6 inches, making a total depth of 77 feet 9 inches, the lode is 1 foot 6 inches wide assaying 16 dwts. 23 grains. There are three stopes in the back of this level the average width of the lode being 1 foot 8 inches, giving an average assay of 8 dwts. 7 grains.—McTaggart's shaft. This shaft has been sunk 1 foot 9 inches, making a total depth of 69 feet below the 550 feet level.—550 feet level north. This level has been driven 12 feet 6 inches, making a total distance driven of 134 feet 11 inches. There are a few small stringers. distance driven of 134 feet 11 inches. There are a few small stringer of quartz in the end.—550 feet level south of the crosscut west. This end has been driven 13 feet 6 inches, making a total distance driven of 103 feet. We have met with a lode 2 feet wide, assaying 9 dwts. of 103 feet. We have met with a lode 2 feet wide, assaying 3 uses. 2 grains.—320 feet level south. There are three stopes in the back of this level, the average width of the lode being 1 foot 9 inches, giving an average assay of 7 dwts. 6 grains.—Glen shaft, 250 feet level north, No. 1 crossout east. This has been driven 2 feet, making a

total distance driven of 28 feet 9 inches.-Ribblesdale's shaft. The men are engaged stripping down the rise and timbering.—Williams' shaf', crosscot east from 'he 173. This has been driven 2 feet, making a total distance driven of 129 feet 2 inches. Health good: water

men are engaged stripping down the rise and timbering.—Williams shaft, crossout east from the 173. This has been driven 2 feet, making a total distance driven of 129 feet 2 inches. Health good: water very soarce.

NEW OHIMES.—Return for May is as follows: 40 stamps ran for 30½ days, crossing 4400 tons; of ore, yielding 1884? 2 onnoes gold and about 37 tons concetrates assaying about 4 onnoes to the ton, 2850 tons to lings, yielded 482.25 onnoes of gold.

NEW LONDON ESTATES.—Extract from manager's report, dated June 22: We sta ted the 9 inch Cornish pump on Wednesday morning last, and got the water in fork in eight hours, every part of the engine, pump, &c., working in the most satisfactory manner. I have now just started to put in the sills and foundations for pump house, covering under one roof boller, engine, hoit, and changing rooms for men.—Ross shaft. We again statted to say, made very satisfactory progress, having sunk 4 feet and put in one set of timbers, lined the bucket-way down 45 feet, and put in the second set of dividers to the same depth. To-day I am continuing to carry down dividers lining and put in the ladders. The ground has again changed to a hard conglomerate; I do not, therefore, anticipate sinking more than 6 to 7 feet a week, unless the ground again changes to the slate. The two small quarts veins heretofore reported are now considerably split up, and do not carry gold regularly more encouraging. ORION.—Detail of working for May, tons milled 5547, stamps working 40, number of days mill ran, 30, yield from plates 103280 counces of gold, tailings treated by cyanide 2800 tons, yield of bullion from cyanide works 253655 counces.

ROBIN-ON.—Directors' monthly report, May: General manager's summary of operations of the company for May, together with statement of the capacity and the statement of expenditure and revenue, as follows:—Mine, Quarts milled, 9651 tons.—Development. Drives, 647 feet; raises, 25 feet; crosscott, 12 feet, consuct, 25 feet; morth level. Driving west on south reef, 32 fee

9551 tons per stamp per diem, 4.5 tons; gold won from above, 8829 ounces 2 dwts.—Chlorination and coanide works, G-1d won from own concentrates (by chlorination), 1507 ounces; bullion from tailings (cyanide process), 2220 ounces 5 dwts.; from own ore, 12.556 ounces 7 dwts.; gold from concentrates purchased (by chlorination), 1487 ounces 7 dwts.; total, 14,043 ounces 14 dwts.

SOUTH LONDONDERRY.—The directors have received by this week's mail the following report, dated Coolgardie, May 21, 1895, from the managing director at the mine, Mr. H. E. Lowden, M.S.M.S.;—I have inspected the property and find there are two shafts sunk—one 60 feet and the other 50 feet on the north end of the lease. In the 600 feet shaft at 38 feet from surface a drive or crossout is being driven 86 feet in a north-saterly direction, to out a large body of stone which is to be seen on the surface. In the 50 feet shaft nothing has been done, only to sink it. In the crossout two nics leaders are to be seen, samples from which I obtained very fair gold. I also saw very favourable indications on the surface to warrant you sinking a large shaft (-ay) 10 feet by 4 feet in the clear of timber; this will give you two good hauling shaft:—4 feet by 3 feet each—also a pump shaft 4 feet by 4 feet, which will answer all requirements. This shaft we will put down to a depth of (say) 200 feet, if possible into the solid or more settled ground, where I have no doubt we shall cut he reef or reefs which transverse through the ground, and from which good returns may be expected; we shall also eat anficient water from this shaft for all milling or better water from the shaft for all milling or better. have no doubt we shall cut the reef or reefs which transverse through the ground, and from which good returns may be expected; we shall also get sufficient water from this shaft for all milling or battery purposes. On the whole, I think you have a very favourable property.—Official note. The necessary machinery for working the mine, consisting of the battery, pumping and winding plants, embodying all the latest improvements, manufactured by the well-known makers of mining machinery, Mesers. Bowes Scott and Western (Limited), has been shipped, and will be, therefore, soon at the mine.

VICTORY (Charters Towers) .- Manager's report for fortnight ending May 18: Stopes over No. 2 level on Papsan reef show 3 and 12 inches of stone, quality improving. Raised 30 tons; have had some men from these stopes engaged on surface in laying air pipes, and doing other necessary work in connection with No. 3 shaft.—No. 2 shaft. 320 feet level driven west 13 feet, total 268 feet; have stopped driving this level, and started out ing towards f otwall at a distance of 200 feet from shaft; face in hard diorite. Ref above No. 1a saverages 18 inphes good one item is averaged to the started to the saverages 18 inphes good one item is a starting towards. distance of 200 feet from shaft; face in hard diorite. Ref above No. 1a averages 18 inches good quality; it is extending towards shaft, total length 35 feet. Intermediate level carries 6 to 30 inches medium quality. No. 7 level sinking winze from underhand stope, present depth 20 feet. Reef in bott wn 3 feet 6 inches, quality fair; raised, 115 tons. No. 3 shaft sunk 15 feet, total 60 fees; country hard, making a good drop of water. Will work rock-drill here Monday. Carpenters engaged preparing poppet legs, making fair progress.

YERRAKONDA,—Fortnightly report of Captain Scantlebury, dated June 11: Beresford's shaft. This shaft has been deepened 9 feet 6 inches, now 46 feet 6 inches below the 300 feet level. The of set to mones, now so feet to mones below the 300 feet level. The lode is 7 feet wide, composed almost entirely of dark blue quarts, with iron and arsenical pyrites; but I am pleased to say there is an improvement in value. The last two samples gave 54 and 64 dwts. of gold to the ton. Crosscut west, 200 feet level north, has been advanced 13 feet now 51 feet from level. New engine shaft has been sunk 6 feet, now 203 feet from surface. The rock is hard and the water very quick which is a great hindrance to sinking. Such been sunk 6 reet, now 203 feet from surface. The rock is hard and the water very quick, which is a great hindrance to sinking.—South shaft. The pitwork is down, and the engine at work. Since starting the engine on Saturday last we have forked the water and sunk 1 foot, which makes a depth of 116 feet from surface. The quartz is 2 feet 6 inches wide, assaying 6 dw/s. of gold to the ton.

D'AROY ESTATES.—Report dated May 25. Main shaft sunk during week 8 feet, present depth 398 feet. Rock cut through continues very hard, but shows indications of serpentine, which should soon be reached.—Parting 64, 25 feet driven along line, of all wind.

soon be reached. - Portion 54. 25 feet driven along line of alluvial,

showing good prospects.

THE Mayor of Perth. Mr. A. Forrest, M.L.A., who has just returned THE Mayor of Perth, Mr. A. Forrest, M.L.A., who has jest returned from a visit to the Coolgardie gold field, expresses himself as greetly surprised at the wonderful development of the town and the mines since his visit four months ago. "The improvement," he stated to a representative of the West Australian, "is surprising. Where there were tin and Hessian structures before there are now brick and weather-board huildings. Several of the buildings which are being put up in the town are large and well adapted for business purposes, and would be creditable to any town. A different spirit, too, seems to pervade the place. Where in the past I heard nothing but discontent, I hear only expressions of satisfaction. There is now plenty to eat and drink in the town, and the faction. There is now plenty to eat and drink in the town, and the extortionate prices have not to be paid for the articles consumed. A considerable amount of work is being done in the mines, but the extortionate prices have not to be paid for the articles consumed, A considerable amount of work is being done in the mines, but the French and German capitalists are buying up the best claims. The place has a substantial and go-ahead appearance, which cannot fail to inspire confidence, and is a most satisfactory instance of rapid progress."

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AUSTRALASIAN.—Fortnightly report of Mr. John James, dated May 23: Daring the past fortnight Bishop and party have sunk the shot 30 feet, total 222 feet, and timbered 41 feet, total timbered 212 feet. The country is limestone of a darker colour laying in floors. The water is about 150 gallons per hour. The contractors (Bishop and party) will have fluished their contract of the party of the par

to suspend this crosscut for the present, but hope to again resume its driving shortly.

BRITISH BROKEN HILL PROPRIETARY.—Mining manager's report for the week ending May 22:—Brackwood (No. 1) shaft, 240 feet level. East crosscut off end of south drive was driven 8 feet, total length 20 feet, and stopped, as face still shows country rock. North drive advanced 11 feet, total length 29 feet, face showing hard rock, which carries patches of sulphides in places.—Howell (No. 2) shaft, 300 feet level. West crosscut from plat extended 6 feet, total length 46 feet, face in hard low grade sulphides carrying garnets. Sonth-west drive off west crosscut from winze driven 11 feet, total length 65 feet, face in low grade sulphides, mixed somewhat with quartz.—240 feet level. South-west drive from far north winze advanced 11 feet, making total length 57 feet, at which point we encountered the wall; we are now turning off north-west in order to follow the ore. We broke in driving 12 tons sulphides, naverage 30 per cent. lead, 4 onnces silver, and 23 per cent. zinc.—Marsh (No. 6) shaft, second level. We have been fossicking westwards from bottom of winze down west crosscut, and also stoping carbonate ore, breaking 19 tons for the week; average, 28 per cent. lead, and 59 ounces silver per ton.—Retailick's workings. No. 1 tributers down winze in N drive mined 18½ tons carbonate ore cent. Irad, and 56 ounces silver per ton.—Interior down winze in N drive mined 18% tons carbonate ore during the week; average, 21 per cent. lead, and 49 ounces silver per ton. The week's assays vary—carbonates from 11 to 43.5 per cent. lead, and 28 to 116-1 ounces silver per ton; sulphides from 3 to 30 per cent. lead, 10.5 to 27.3 per cent. zinc, and 1.3 to 14

CALIFORNIA MILLING AND MINING.—The following is the manager's report on the mill and mine for the month of May:—Mill. Custom ore treated, 1263 tons; California ore, 104 tons; total, 1367 tons, with an average of 45 stamps at work.—Mine. Almost all they produce a little question ore produced from the mine is from the Governor Adams vein at the 500 east. Lessees are now crosscutting from the 500 level east and drifting at the 600 east in hopes of meeting the same ore shoot at those levels. The month has proved somewhat better than April, and the cutlock for Jone is at least as good. Total receipts for May, \$3292-56; total expenses, \$2742-18; estimated profit, \$550-38.

CRAVEN'S CALEDONIA.—The following fortnightly report has been received from the mine, dated Charters Towers, May 9; No. 11 level has been extended a further distance of 11 feet, making a total of 106 feet from the fault, and there is about 6 inches for meeting in the face. The reef in the underhand stope from No. 7 is about 8 inches thick. In the five stopes over the No. 9 level the reef in the shaft. The end is a severages about 7 inches. The level on he hanging-wall reef in CALIFORNIA MILLING AND MINING.—The following is the

ING. JOURNAL, RAILWAY AND COMMERCIAL GAZETTE:

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luvial, turned restly mines there ak and h are lapted e past entisend the sumed. ut the the sot fail rapid for 277 cances, and 403 tons headings for 42 cances,—Cyanide works. These are now in a forward state and should be quite completed and operations commenced by the 18th proxime. You will be pleased to learn that all pumps, hoists, &c., in connection with this work will be run by water-power, and that a cheap and efficient means has been adopted for getting rid of all spent tailings.—General, All work coming under this head has received the usual attention and large gangs of men have been employed in road-making in the jungle for supplies of firewood and mining timbers.—Labour. This has not been very pientiful, thus necessitating again sending into Selanger for coolies for surface work. The new road from Keala Kuba to this place should be completed by the end of the year, however, when I hope this difficulty will be got over to a very great extent, if not quite.—Health. This continues fairly good.—Hong Kong, May 27. ot quite.—Health. This continues fairly good.—Hong Kong lay 27. NO. 7 NORTH-EAST QUEEN.—The following fortnightly re

May 27.

NO. 7 NORTH-EAST QUEEN.—The following fortnightly report has been received from the mine, dated Charters Towers, May 10: On the 7th iost I brought in the proceeds of a crushing of 17 tons from Mills and party, which yielded 48 ounces 11 dates. 9 grains of smelted gold. This party was dissolved (Mills leaving) the other two men, with a new hand, going on with the block, and they will in future be known as Hamilton and party. They have to 10 inches of good stone in the eastern block, and about 4 irctes on the west side. Tackett and party above No. 1 level commenced crushing to-day a parcel of 15 to 16 tons of stone. Ba'ks and Wilkinson have an average of 10 inches of stone through their stope on the western side of the shaft below No. 2 level, which is quite equal to their last return. Balch and party have commenced to stope up in their block from No. 3 level, and have 4 inches of good stone in the face. Their drive will average 4 inches of fair quality stone. Wherry and party have a good face of stone in their type averaging 18 to 20 inches. Everything is in fair working order. ood stone in the face. Their drive will average 4 inches of fair vality stone. Wherry and party have a good face of stone in their peaveraging 18 to 20 inches. Everything is in fair working order

(Signed) John I. L. Williams.
QUEEN CROSS REEF.—Manager's report for fortnight ending May 14: Since my last report the contractors, C. Lind and party, have sunk the vertical shaft 15 feet, total vertical depth 996 feet from the surface, and 62 feet below the timber. The tributors are all doing fairly well. Everything in connection with the mine is in good working order.—A. Wockner.

TRANSVAAL GOLD EXPLORATION AND LAND.—Mining.

TRANSVAAL GOLD EXPLORATION AND LAND.—Mining. Work at all the mines was proceeding satisfactorily, with no new feature to report.—Prospecting. At Phi, in one of the drives the ore was over 2 ounces per ton.—Transport to mills. The ground and aerial tramways continued to work satisfactorily. A start was made on the tramway from Beta.—General, Native labour was rather

ON DEEP MINING IN MEXICO.

AND THE CHANGES THAT OCCUR IN THE COUNTRY ROCK AND VEIN FILLING IN DEPTH.

By EDWARD HALSE

(Concluded from Page 787.)

LAUR, referring generally to the historic veins of Mexico remarks that near the surface one finds native silver in oxides of iron or manganese in the midst of a gangu of cellular quartz, below bromide and chloride of silver occur with native silver and oxides of iron and manganese, then bromide and chloride disappear and sulphide of silver predominates forming the zone of greatest richness, giving place lower down to black antimonial sulphide and then ruby silver which, little by little, are mixed with cupreous species; then blende appears, which at very great depths, 450 to 500 metres (1476 to 1640 feet), ends by forming with iron pyrites and quartz the exclusive filling of all the veins in Mexico.
This last statement, as has already been shown, does not apply to Pachuca and Real del Monte. In these districts the ores begin to be productive at about 500 or 650 feet in depth—in other words, about five times deeper than in Zacatecas, and twice as deep as in Guanajuato; hence it is reasonable to expect that the intermediate productive zone will there reach to a much greater depth than in either of the latter districts. It ady been pointed out that the country rock of Pachuca has already been pointed out that the country rock of Pachuca and Real del Monte exhibits extreme metamorphism. The crystalline "country" has afterwards been altered by the ascending thermal solutions to a considerable distance on either side of the veins proper. Thus Senor Leopoldo Salazar, one of the engineers of the famous mine of "San Rafael y Anexas," remarks that it is no easy matter to find unaltered "country" than 40 material (1311 ft) from the vizcaina vein proper (the Veta Madre of Pachuca).

At Catorce State of San Luis Potosi, where the rock is mainly

At Catorce State of San Luis Potosi, where the rock is mainly limestone, with some slates, the colorados, going down 300 to 500 feet in depth, consist of oxide and sulphate of iron (alcaparoso), a little native silver, horn silver (plata cornea), and that ashy-looking variety of it known as plata ceniza, plata verde (embolite) abounding, and plata azul (selbite), the gangue being quartz and manganiferous calcite, accompanied by azurite, the records accompanied by azurite. chryscolls, cerussite, &c. The negres consist of unaltered sulphides of silver (proustite abounding), with sulphides of antimony and arsenic, iron and copper pyrites, some zinc b'ende and galena in large quantities, with a gangue containing more quartz than in the upper zone. The dark colour is due to man-

In the Jesus Maria district in the same State -rock serpen tine—silver predominates in the upper zone, gold in a transi-tion zone, and silver below the latter. At Tasco, State of Guerrero -rock slate and limestone, latter predominating—the upper or colorado z ne, extending on an average to a depth of about 130 feet, consists of oxides of iron (tepostel or ixtajales), iron pyrites (bronce), asurite (cobre azul), tetrahedrite (cobre gris), coarse-grained galena (plomoso), argentite (petlanque or pet-lanque negro), and native silver in fine particles. The richness varies from 26 to 80 ounces per short ton. Below this, from varies from 20 to eo ounces per short con. Below this, from 50 to 205 feet in depth, occur rosicler claro or petlanque rojo (proustite), plata agria (polybasite), and some argentite, yellow blende ((estoraque) most abundant, argentiferous or fine-grained galena (metal reluciente). iron pyrites, copper fine-grained galena (metal retuciente). Iron pyrites, copper pyrites (sotlanque) rare, and bustamite (rare), with calcspar (espejuelo), and milky amorphous quartz (guiji), forming the gangue. This is the richest zone, the average value being upwards of 100 ounces of silver per short ton. Below this there is found argentiferous galena, brown and yellow blende (both abundant), a little iron pyrites, quartz, and calcite. The average value is from 25 to 40 ounces of silver per short too; The above two would appear to form in reality the intermediate or second zone, although overlapping takes place between it and the upper

At a little over 700 feet the lower or third zone is reached, and At a little over 700 feet the lower or third zone is reached, and the veins get poor in silver, although galena, blende, and pyrites remain as the main filling. It is worthy of note that at Tasco a number of the veins have yielded largely at surface, and that the productive shoots (classes) occur mainly at the junctions of veins, and are comparatively short horizontally. It will be observed that the third (unproductive) zone is reached in this district at a comparatively shallow depth.

At Fresnille, State of Zacatecas—rock, grauwacke—the colorador reach to about 225 feet in depth, and consists of a very friable yellowish mass, with much hydrated exide of inon

(limonite), native silver, and bromide of silver. Below are the negros, zinc blende, galens, iron and arsenical pyrites (both abundant), copper pyrites, with native silver (often in filaments), argentite, and red antimonial sulphide in a gangue of quartz. In addition, ores known as azulaques occur as an incrustation in the country rock extending from 11 to 3 feet outside the in the country rock extending from 1\(\frac{1}{2}\) to 3 feet outside the natural walls, consisting of iron pyrites, chloride of silver, native silver, sulphide of silver, &c. Humboldt says the ores of Angangueo, State of Michoacan, known under the name of colorados, have an earthy aspect. Near the surface the brown oxide of iron (limonite) is mixed with native silver, argentite, and stephanite (sprodylauerz) all three in a certain state of decomposition. At great depths the veins of Angangueo contain only galena and iron pyrites poor in silver. The formation is norphyry.

Part III -Some Results of Deep Mining in Mexico In this paper deep mines are considered to be those which have already attained 1000 feet or over in vertical depth. The famous Valenciana Mine of Guanajuato, with its 10 miles of underground workings, reached a total depth of 1968 feet, and is still the deepest mine in the Republic. From 300 to 1200 feet the cres were rich and abundant; below this, impoverishment took pleas rapidly. In 1840 an English company and the state of the cress were rich and abundant; below this, impoverishment took pleas rapidly. In 1840 an English company and the state of the cress were recommended to the contract of the ment took place rapidly. In 1840 an English company erected a powerful pumping plant—a considerable quantity of water having been encountered in one of the principal shafts—by which means the mine was drained to the depth stated above. But, as the lower workings were afterwards abandoned, the conclusion is natural that the ores thereof would not pay the cost of extraction. In recent years the mine was worked to a depth of about 1640 feet (500 metres), or the same depth as the mine possessed when Humboldt visited it early in the century, but the ores from the lower levels did not yield a profit. At present (March, 1895) the mine is being partially worked to a depth of 1150 feet, but the quantity of ore being extracted is small (from 75 to 100 tons per week). The same may be said of the Rayos Mine on the same vein (veta me which is about 1300 feet deep, the lower levels of which are also under water. The Mellado Mine, next to the Rayos, has the same depth—the ores in the bottom levels are found to rry lead and antimony. This mine is also under water.

In other instances in this district the ore shoots or columns

(elaros) have been followed to a depth of a little over 1800 feet. The Cubo mine, near San Nicolas—rock porphyry—is about 1400 feet deep. The ore in the bottom (or 17th level) is about 1400 feet deep. The ore in the bottom (or 17th level) is at present poor; but in a westerly direction a good shoot, met with in the upper levels, is expected to be cut into shortly. met with in the upper levels, is expected to be cut into shortly. This mine is at present producing about 100 tonsofore per week—the silver being extracted by the "Boss" continuous process. San Cayetano, near La Luz—rock diorite—is about 1738 feet deep. At present little ore is being extracted. The two last mines, both near Guanajuato City, are worked by an English company. now under reconstruction. La Luz mine, of La Luz district, is leave 1.58 feet in doubt, bottom levels at present under water. now under reconstruction. La Luz mine, of La Luz district, is about 1568 feet in depth; bottom levels at present under water and ore being extracted from the upper ores chiefly by buscones

and ore being extracted from the upper ores chiefly by buscones.

Although the vein was found very wide at the above depth, and contained some solid pieces of ruby silver (Rothgiltigers.—Prousite) it was not sufficiently productive to mine. The Plateros Mine in the same district, is about 1200 feet deep, and is not being worked at present The famous Quebradilla Mine of Zacatecas is about 1700 feet deep, and has given three great boxanzas, the last in 1700 feet deep, and has given three great bonancas, the last in 1810. Considerable water was encountered in depth, and a Cornish pumping engine of 180 horse-power was erected to contend against it. The mine has extensive workings beneath the City of Zacatecas. In 1876 the mine was producing about 30 tons of ore per day, and the profits were large. In 1880 it was yielding ore of excellent value (average \$80 per ton) from some of the (upper?) workings. The writer believes a large fire occurred in these workings a few years ago, with the result that the mine is now practically abandoned, although the pumping engine is still working, and helping to supply the city with rine is still working, and helping to supply the city with It is rumoured that an attempt will shortly be made to ing engir water. It is rumoured that an attempt will shortly be made to re-open the mine, the result of which will naturally be looked forward to with great interest. The San Rafael Mine, in the same district, is 1400 feet, pay-ore extending only to 1000 feet. The veta grande is being worked to 1100 feet, the bottom levels still in pay ore. The average yield of the ordinary ores is at present about 25 ounces of silver per ton.

should be pointed out that in this district the silver veit usually commence to yield profits at or a little below 100 feet in vertical depth, the riches go down to 500 feet, in several cases to 1000 feet, and in rare instances to 1300 feet. The San cases to 1000 feet, and in rare instances to 1300 feet. The San Francisco Miue of Cerro de Proano, Fresnillo, State of Zacateca, is over 1500 feet in depth, with good ore at this depth. There are other mines in the same district 1200 feet deep, either caved in or under water. At Real del Monte, the deepest shaft, "La Dificultad," is 1569 feet down in the north and south vein (dipeast), known as "Santa Inez." The lowermost level is at present under water, as it was found necessary to change the numprods of the bottom lift. In the levels above, the lode is wide and rich. During a recent visit to this camp (April, 1895) the writer was informed by Herr Mertzenfeldt, the engineer in charge of was informed by Herr Mertzenfeldt, the engineer in charge of "La Dificultad," that the lode in the bottom, although of less width, was of higher grade than in the upper levels. In this mine the principal ore body has a length of 656 feet (200 metres), and a width of from 12 to 20 feet. To the south of this shaft, and a width of from 12 to 20 feet. To the south of this shaft, on the same vein, are the San Ignacio, and La Carretera shafts, 1410 feet and 1443 feet respectively. In the latter the ore-body has in one place a width of 80 feet (35 metres). On the main east and west Vizcaina vein there are several shafts over 1000 feet in depth—e.g., San Cayetano (1213 feet), San Patricio (1279 feet), San Ramon (1082 feet), Terreros (1349 feet), Santa Teresa (1003 feet) and Gandaluse (1003 feet). (1007 feet), and Gaudalupe (1066 feet).

Along these workings are various payable ore bodies, alternat-ing, as usual, with poor ground. The Dolores shaft is sunk near ing, as usual, with poor ground. The Dolores shaft is sunk near the junction of the Santa Brigida vein (north and south, dip west) with the Vizzaina (east and west, dip south), and is vertical to a depth of 1312 feet. It is said to be sunk, at the the bottom, 131 feet on the dip of the former vein, which gives the bottom, 131 feet on the cip of the former ven, which gives a total vertical depth of about 1428 feet. At Pachuca the deepest mine is the Sau Pedro, with 1650 feet. It is at present under water, although not on account of any falling-off in the value of the ore, but owing to pumping difficulties, which are expected to be overcome shortly. The Santa Gertudis Mine is about is 1200 feet in the deepest part, measured from the mouth of the San Guillermo shaft to the floor of the 13th level mouth of the San Guillermo shaft to the floor of the 18th level. This lode runs parallel to La Vizcaina, and dips south 70°—80°. The filling is soft, and often 20 feet thick, and the walls treacherous, requiring masonry in the levels and close-timbering (Comstock square-frame system), and subsequent filling-up in the stopes. It has two principal ore-bodies, or shoots, which have a tendency to dip eastward. This mine is one of the richest in Pachuca. The Maravillas Mine is nearly seedeen and is also rich.

as deep, and is also rich.

The "San Rafael"y Anexas" ("La Sorpresa," &c.) is about 1260 feet deep, and has been in bonanza for several years. The average value of the ordinary ores from the bottom level runs from 35 to 40 ounces of fine silver per ton. There is raised, in addition, a considerable quantity of high grade ore. This mine is on "La Vizoaina" veln, the mother lode of the region, Both

from a geological and industrial point of view Pachuca and Real del Monte may be considered to be one district. There are one or two other paying mines in Pachuca, which are over 1000 feet in depth. La Cocinera vein of Ramos, State of San Luis Potosi, began to be productive at about 250 feet (rich, bluish-green argillaceous schist), and continued to be so to a little over 1100 feet. The writer believes this wine has been should be at the control of the The writer believes this mine has been abandoned for

La Purisima Concepcion of Catorce, in the same State, is above 1600 feet deep on the mother vein (veta madre), and is still in a limestone formation. Water was met with at 744 feet. In 1826 an English company erected a pumping plant. The greatest riches occur in the colorados (red oxide of iron with cerussite and horn silver); in depth these change to pyritic and copper-bearing ores of considerably less value. In 1890 the output was about 562 tons per week, and the mine was being worked at a good profit. Subsequently it was shut down owing to litigation, but was reopened early last year. The mine is at present being worked to a depth of about 1246 feet, and last year the returns covered cost of mining and milling (40 stamp lixiviation plant). This famous mine has produced in the past 70,000,000 ounces of silver, and is reported to have many miles of underground workings. The deposit is an enormous fissure-vein, in some places nearly 200 feet wide, above 1600 feet deep on the mother vein (veta madre), and is is an enormous fissure-vein, in some places nearly 200 feet and in the lower levels nowhere less than 80 feet. It is c and in the lower levels nowhere less than 80 feet. It is cut in numerous places by porphyry dykes, and in some places itself cuts porphyry, thus showing two different ages of that rock. The ore occurs in shoots and pockets, some of the latter being very large, notably the "Bolsa," which was a solid body of ore 65½ feet by 131 feet by 82 feet in dimensions, and the "Pozo Alonzo," 98 feet deep by 30 feet wide by 62 feet long, containing rich ores, mostly sulphides.

Alonzo, 95 feet deep by 30 feet while by 02 feet long, containing very rich ores, mostly sulphides.

The San Augustin is a contact vein lying between brown slate and blue limestone. The general shaft has a depth of a little over 1312 feet, but its use is now limited to ventilating purover 1312 feet, but its use is now limited to ventilating purposes only. The output at present is very small, and the mine is said to be running at a loss. The Santa Ana, a nearly vertical fissure vein in limestone, has been worked to 1230 feet in depth, and is at present the leading mine in the district as regards output, and is said to be the best-equipped one, as regards plant, in the whole of Mexico. The output a year ago was 1000 tons per week, and is probably more now. La Luz Mine, in the same district, was 1400 feet in 1843. The ores are low grade sulphides, and the mine is said to be just about paying expenses. Several mines in the district of Mazapil, State of Zacatecas, are said to be about 1300 feet deep. The formation is limestone and porphyry, and the veins run along the contact line. The ores in the bottom are still in the state of oxides (colorados), the water level not having been reached. of oxides (colorados), the water level not having been reached. The mines are said to have been abandoned on account of the bad method of working them (tortuous galleries and shafts)—

bad method of working them (tortuous galleries and shafts)—greeas or laberintos—ore carried up on men's backs, &c.), and not owing to impoverishment. La Mina del Tajo, of Rosario district, State of Sinaloa, is 1200 feet deep, and still rich.

The old Las Yedras Mine, in the same State, is 1400 feet on the dip of the vein, although the new mine, worked by an English company, is only 500 feet deep. The ore is said to be abundant but refractory, the Russell process being employed for its treatment. La Quintera Mine, Alamos district, State of Sonora, was worked since 1842, and it is said to an immense denth. Former worked since 1842, and it is said to an immense depth.—Forms

worked since 1942, and it is said to an immense depth.—Formation. Metamorphosed schists and limestone.

At Metatitos, State of Durango, there is a mine said to be 1000 feet deep. Several mines in Mexico are nearly 1000 feet deep—s.g., the San Acacio Mine, Zacatecas district. The vein was cut in the bottom of excellent structure, but of small value. The depth of the San Francisco Mine of Sombrerete, State of Zacatecas, was increased to 960 feet by secret. Zacatecas, was increased to 960 feet by a recent company. Below the 700 feet a good body of ore was struck. was stated to be in very good condition in 1892. Rock, chlorite schist. La Blanca and La Camelia Mines of Pachuca, State of Schist. La Blanca and La Camelia Mines of Pachuca, State of Hidalgo, are nearly 1000 feet deep, and several other mines in this important district will soon attain the same depth. The Santa Juliana Mine, Ocampo (formerly called Jasus Maria) district, State of Chihuahua, is 980 feet deep, ore plentiful, and of payable grade. The Santo Nino Mine, Pinos Altos, a few miles north of Ocampo, is nearly 1000 feet deep, but the ore in the bottom levels is of low grade and in no great quantity. A few mines in Guadalupe y Calvo district of the same State are nearly 1000 feet, rock schist and porphyry. The Candelaria Mine of San Dimas, State of Durango, is Mine of San Dimas, State of Durango, 934 feet, and in bonanza, rock calcareous diorite and brecciated felsite. Cinco Senores, in the same district, is 900 feet, and the San Judas Mine of Mapimi, in the same State, has an equal depth. The San Rafael Mine, State of Michoacan, is 971 feet rock-blue state; Las Corones and Laborda mines of Tlalpajahua, in the same State, are about 900 feet. The Magdalena Mine in the same State, are about 900 feet. The Ma of Temescaltepse, State of Mexico, is 981 feet dec

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Nuestra Senora de Guadalupe de los Reyes, Cosala district, Stata of Sinolos, is about 900 feet—riches decreasing in depth. The formation is grauwacke and diorite. The famous mine of San Juan Nepomuceno (also called "El Doctor") of the district of Calereits, State of Querétaro, must be in the neighbourhood of 1000 feet in depth. The workings below the adit level, which is now 2900 feet in length and 753 feet in depth, have been abandoned for many years. The Pedregal Mine of Tasco, State of Guerrero, has the reputation of the contraction of Guerrero, has the reputation of the contraction of the abandoned for many years. The Petregal Mine of Tasco, State of Guerrero, has the reputation of being the deepest mine in that region. In 1781, when José Vicente de Ausa began to work the mine it was 420 feet deep; in 1791, he had operated it to a depth of 666 feet, when he abandoned pumping—although he distinctly says it was not on account of any falling-off in the value of the ore. The formation is calcareous schist. For a number of years the lower workings were allowed to remain under water. script. For a little of years the lower workings were allowed to remain under water. From 1850 to 1852 the the mine was worked by an American company. Then it fell into the hands of Jean Baptiste Jacques, a Frenchman, who worked the mine with more or less success for some years, and, it is said, deepened it to 984 feet (300 metres). The mines were worked until 1862—4, when they became paralysed at, or soon after, the fall of the Emperor Maximilian. Since then the Since then the lower workings have remained under water, although local miners say that the ore is abundant and of good value in the bottom level.

Two tragic events are connected with the later history of this mine. Edward Bodmin, an English mining engineer of great reputation, who was Jacques' superintendent for several years, and who laid out the works and erected an extensive plant for the treatment of the ores, was in 1860 accidentally killed by revolutionists in the streets of Tasco, and ten years later his employer Jacques was shot in Paris during the Commune. The mine is now owned by Don Gonzalvo Estrada, a merchant of Tasco, who is working a rich parallel vein. The merchant of Tasco, who is working a rich parallel voin. The dumps from the main lode, of which there exists a quantity, are worked by buseness, who pick out one running from 25 to 30 ounces of silver per ton, and sell it to La Florida reduction works (haciendo de benecificio) near by at the rate of 37½ cents. (or 3 reales) per carga of 300 lbs.—i.e., about \$2.50 (silver) per short ton. The ore consists of fine-grained silver-bearing galena and blande in quarts. In conclusion, the writer bears that the and blende in quarts. In conclusion, the writer hopes that this paper will lead to a discussion on deep mining in general, a subject that must ever be of the greatest importance to all interested in mines and mining, and much regrets his inability to be present to join therein. to be present to join therein.

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MINING NOTES FROM JOHANNESBURG.

By H. BUSH, M.B.

(Cabled Weekly).

New Crossus Gold Mining Company.

The new 60 head of stamps were dropped on May 31 last, and are so far doing good work. Another 60 head are under contract to be erected and running within four months, and it is further intended to bring the milling capacity up to 200 heads, with complete cyanide works. The present mill duty bids fair to come close upon 6 tons per stamp per day—a very high duty. The present plant upon this mine may be described as an engineering model plant compared to the rattle-trap mill and plant formerly in existence, and working until recently. The engineering work has been carried out to the designs of Mr. S. B. Connor, and will, no doubt, give a good account of itself to the satisfacing work has been carried out to the designs of Mr. S. D. Conner, and will, no doubt, give a good account of itself to the satisfaction of the shareholders. The general management of the mine is in the able hands of Mr. A. Brown, a colonial-born gentleman, whose excellent management of the New Crossus speaks for him

in the highest terms that the first of the first of the first of the highest terms. The Main reef may be taken at 6 feet wide, and the South reef at 2 feet wide, with an angle of dip of 35°. From actual survey it appears that the claims belonging to the company con-

Or a total amounting to 246 ,,
Thus it is calculated that there is an available tonnage in the
Main reef series as follows:—

.. 5,386,884 .. 2,610,592 Main reef . .

gold containing zinc is avoided.

The cyanide plant, consisting of seven 200 ton vats, is being run under contract by the Rand Central Ore Reduction Company, and besides the adoption of spitzkasten for classifying the sands previous to treatment, the double treatment system has been adopted with bottom discharge, and electric haulage is also provided to reduce hand-labour. This system takes off the slimes, which are pumped into a slimes dam for further treatment. The main shaft is almost down to the 5th level, which will be set away at 590 feet, and the ore, by assay, is improving, while the ore reserves amount to over 270,000 tons, showing that the development of the mine is in a forward state. These figures place the Crossus in a highly favourable light, especially when compared with other similarly situated mines; and, now that a good start has been effected, it will not be long in redeeming its promise of excellent results.

ing its promise of excellent results.

Black Reef Proprietary.

Black Reef Proprietary.

This company holds 1200 claims, and was recently floated with a privately-subscribed nominal capital of £150,000, divided as follows:—Working capital, £25,000; reserve, £25,000; vendors take £100,000; total, £150,000. The claims adjoin the Mivison ground, and have the East Orion on the north. The directors are Messrs. Ruping, Langerman, Imroth, and Brayshaw. The most of the above claims were purchased at prices ranging from £5 each up to £20 each, so that the floatation prices of the claims are over £300 per claim. But the London price of the shares is 70s., so that upon this basis the claim value figures out at over £2800 per claim. No work has been done upon the ground beyond putting down a diamond bore-hole, which struck a reef, the core from which is said to have assayed 10 dwts. per ton. The avowed object of the company is to explore the ground

The avowed object of the company is to explore the ground and prove its value, ergo the company have bought unproved ground, and one would imagine that unexplored ground cannot have a value of either £800 per claim, or at market value £2800 per claim. It will take at least two to three years to sink and develop the mine and erect machinery, and for this they have allowed the immense sum of £20 per claim, an amount hardly equal to sinking the two shafts required by law, and each (say)
400 feet in depth, let alone the driving required for develop-

lately-floated Buffelskloof Gold Mining Company's ground upon the farm Buffelskloof.

Venterskroon Gold Mining Company.

The Venterskroon Gold Mining Company is also about to make its appearance under the sponsorship of well-known men. A brilliant future is predicted for both the Venterskroon Gold Mining Company and for the Rooirand Company.

Buffelskloof Gold Mining Company

The reef in the company's claims is of great width, and of a nature suitable for treatment by the direct dry coarse crushing and cyaniding process. This process saves the great initial expense involved by the erection of a stamp battery, and also saves in labour expenses, fuel, &c., besides minimising the chances of gold thefts; it also gives an extraction of gold of about 80 per cent of the ore content, while the cost of working is reduced to about 14s. per ton in all. It is proposed to erect a large plant to treat the ore by this process. The plant will consist of Gates crushers in train, screens and elevators to deliver the ore direct into the graniding years which will be of the latest partners and elevators. in train, screens and elevators to deliver the ore direct into the cyaniding vats, which will be of the latest pattern and equipment. The actual mining can be accomplished from the slopes for less than 3s. 6d. per tom—i.e., after the backs are formed; and contractors have offered to perform the work of trucking the ore at this price. The reef has averaged on assays 10 dwts. per ton (many of the assays going high); this would give a tonnage value of 35s. per ton, and upon a working cost of 14s., a profit of £1 per ton. If the reef value be calculated upon a less basis, (say) 8 dwts., and allowing amply for waste, faults, &c., the 40 claims of the company can be shown to contain 3,000,000 tons of payable ore, and, therefore, to contain about £4,000,000 value of obtainable gold, consequently, upon a working cost basis of 14s. per ton, an 8 dwts. yield would produce a profit of over £1,500,000. The shares in the Buffelskloof Company are well worth acquiring at present market figures to hold on to, as it is certain that with energetic and careful management, its complete success is assured. The mine will be developed and in full working order within 12 months. The figures as given above will fairly apply to all the mines situated along the Amazon series of reefs in the Venterskroon district.

West Rand.

West Rand.

Rumours of a strike on the lately-abandoned Hill's Waterfull farm, but have no confirmation as to the value of the find, which is said to be a banket reef panning well.

York Gold Mining Company.

This property is the late Emna Gold Mining Company, refloated under the title of the York Gold Mining Company. The new company, besides the 24 Emna claims in hand (12 claims having previously been sold to Luipaards Vlei Estate and Gold Mining Company) have absorbed the Lunham Syndicate ground lying on their dip. Preparations are being made to start work, and Mr. J. Laity has been appointed manager. The new machinery and plant will be erected to work by the coarse crushing and direct cyaniding process. The first level in the mine is of very poor grade, but improves at the second level, where a crosscut cut the South leader, but the ore becomes very pyritic at no great depth. South leader, but the ore becomes very pyritic at no great depth, as proved in the Luipaards Vlei Estate (Mynpacht) shaft adjoining the property, so that it is doubtful whether the direct cyanide proposal will treat the pyritic ore, and a return to wet milling may have to be resorted to.

Lancaster Gold Mining Company.

The block lying south of the York has now been floated into the Laucaster Gold Mining Company on the strength of a borehole. This would be on the line of the Luipaards Vlei (Mynpacht) shaft, and most probably in pyritic ore.

Lydenburg District.

Lydenburg District.

Attention is being drawn to the Lydenburg district, and an attempt is being made to boom it; in fact, Mr. Aba Bailey leaves for England by this mail steamer, presumably to lay the train for the flotation of some of the properties that he has acquired in the district. The company is already announced—viz., "The Lydenburg Estates (Limited)." Nominal capital £200,000, divided as follows:—To the vendors in fully-paid up shares of £1 each, £50,000; cash working capital, 100,000 shares of £1 each, subscribed by vendors at £0s. premium or £2 per share, £100,000; shares heldin reserve for future working capital, 50,000 at £1 each; total, £200,000. Thus the company starts with the premium shares above-mentioned, plus the reserve shares at £1 each, for working capital, or an amount of £250,000. The directors are as follows:—Messrs. L. Philips, Glenny, Benjamin Bailey, and Fitzpatrick.

TIN TICKETING.

TICKETING for tin ores was held at Tabb's Hotel, Redruthon Tuesday, with the following result: —
VALUES OF ORES SOLD BY EACH MINE.

9		Fons o	wts		Pe	r to	n.		Val	ue.	
9	Mines.				£				æ	8.	d.
-	Wheal Grenville a	. 20	0		£40	2	6	*****	£802	10	0
h	do b	. 16	0	*****	39	17	6	*****	638	0	0
,	Dolcoath No. 1	. 17	0	*****	38	12	6		656	12	6
g	do No. 1a	. 16	0	*****	38	15	0		620	0	0
9	Tincroft	. 16	0	*****	32	15	0	*****	524	0	0
y	do	. 16	0	*****	32	10	0	*****	520	0	0
V	Carn Brea No. 1	. 15	0	*****	32	12	6	*****	489	7	6
-	do No. 1a	. 15	0	*****	32	15	0	*****	491	5	0
	do No, 2	. 1	10		23	5	0	*****	34	17	6
	East Pool a	. 14	0	*****	33	17	6		474	5	0
	do b	15	0	*****	34	0	0	*****	510	0	0
h	do No. 2	. 1	10	*****	17	0	0	******	25	10	0
8	Wheal Basset		0	******	40	7	6	*****	969	0	0
8	South Frances No. 1	. 11	0	*****	37	5	0	*****	409	15	0
n	do. No, 1a	. 10	0	******	37	2	6	*****	371	5	0
8	Cooks Kitchen	. 16	0	******	39	15	0	*****	636	0	0
0	Killifreth	. 15	0		33	15	9	*****	506	- 5	0
_	West Kitty		0		39	17	6	*****	518	7	6
2	Phœniz United No, 1		10	*****	38	17	6		330	8	9
8	do No, 2	2	10	******	32	12	6		81	11	3
8	South Condurrow	7	0		40	2	6		280	17	6
r	Wheal Kitty	6	0	*****	39	12	6	******	237	15	0
1	Hexworthy Co		10	*****	41	15	0	*****	104	7	6
		278	10					£	10,23	2 0	0

Average price per ton, £36 14s. 9d. AVERAGE PRICES PER TON.

 March 26
 £35 19 11 | May 21
 £39 0 3

 April 9
 36 7 6 | June 5
 37 4 6

 April 16
 36 17 1 | June 18
 36 0 0

 May 7
 37 12 2 | July 2
 36 14 9

400 feet in depth, let alone the driving required for development on the purchase of machinery.

VENTERSKROON DISTRICT, S.A.R.

Rooirand Gold Mining Company.

Messrs. Lace and Thomson are busy floating the Rooirand Gold Mining Company. The company's ground adjoins the lives were lost during the year, while 3637 persons were injured,

WANTED.

Prepaid Advertisements are inserted in this column at the rate of 8d. per line with a minimum charge of 4s.

A SSOCIATE ROYAL SCHOOL OF MINES desires APPOINT-MENT as MANAGER or ASSISTANT MANAGER. Ten years' practical experience at Gold and Silver Mines abroad. Thorough knowledge of Assaying, Surveying, Accounts, and Spanish.

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FOR SALE.

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WINDING ENGINES.

SPLENDID PAIR, practically new; 24-inch CYLINDERS. Drum any size to suit purchaser. A bargain for quick sale. RATCLIFFE and SONS, Hawarden Iron Works, Chester.

ROR SALE, — STAMP BATTERY. Four Head Husband's Stamps, by Harvey and Co., Hayle. Complete, with or without Engine; in excellent order. Equal to ordinary 40-head stamp battery. Can be inspected by APPOINTMENT.

Apply, P. A. LATHAM, 15, St. Helen's Piace, London.

TO BE SOLD, or LEASED on ROYALTY, a magnificent IRON ORE ESTATE in the North of Spain, near main line of railway, less than 60 miles from the Port of Corunna. This property, in view of the richness of the ore and its loading facilities, presents a good opportunity for capital.

For further information, apply to T. HAROLD HAWKINS, Assoc. M, Inst. C.E., Oporto.

FOR SALE, OR TO LET.

By Order of the Executrix and Devisee of the late William Thomas, Esquire, J.P.

The Old-Established Engineering and Iron and Brass Founding Works, known as the

RAILWAY WORKS, LLANIDLOES, NORTH WALES.

THE works comprise Iron and Brass Foundry, Pattern Shop, Fitting and Machine Shop, Smithy, Carpenter, and Wheelwright Shop, &c. All of which are fitted with modern machinery and facilities for executing the most varied description of Engineering Works, and would also suit a firm having a speciality for

manufacture.

The Buildings are extensive and in excellent condition, and the Cambrian Railway rons right into the works.

Full particulars and terms may be obtained upon application to Messre, Jenkins and Davies, Solicitors, Llanidlees, Montgomery-

COMPANIES AND LEGAL ANNOUNCEMENTS.

"." Advertisements are inserted in this column at the rate of 9d. per line with a minimum charge of 7s. 6d.

New Aurora West Gold Mining Company, RECONSTRUCTED AS

Aurora West United Gold Mining Company (Limited). Aurora West United Gold Mining Company (Limited).

NOTICE IS HEREBY GIVEN that authority has now been received from the head office in Johannesburg to EXCHANGE SHARE CERTIFICATES of the late New Aurora West Gold Mining Company (Limited). Old Certificates will be received and new Certificates issued for Shares in this Company in proportion of one new fully-paid Share for every two Shares held.

Exchange Receipts will be issued (for old Shares lodged) advising when new Certificates will be ready.

Fer Johannesburg Consolidated Investment (Limited),

London Agents.

T. HONEY, London Secretary.

7. Lothbury, London, E.C.

7. Lothbury, London, E.O., 3rd July, 1895.

A NEW STEAM VALVE.—Recently at Mr. John Anderson's sawmill engineering works, Pottery-lane, Newcastle, there was a trial of Mr. Anderson's patent equilibrium slide-valve. The oylinder consists of a plain tube which may be turned outside to ensure equal metal, thus preventing distortion through expansion. The cover contains two spaces, one for exhaust and one for steam, and has a circular valve chamber with separate ports to each of the above spaces. The valve, being in the form of a ring fitting closely within the chamber, is of sufficient width to cover both the steam and exhaust ports while cutting off, and a motion either way opens one of the ports. The pressure being all round and within the valve, makes it a perfect balance; it has practically no friction except in the spindle gland, and this is very small compared with the old type.

FATAL EXPLOSION.—Late on Thursday last week an explosion occurred at the Etruria Blast Furnaces, North Staffordshire, by which four men lost their lives. The furnaces are owned by the Shelton Iron, Steel, and Coal Company. The men were engaged feeding the furnace from a platform at the top, when suddenly a loud report was heard, and dense columns of flame issued from the furnace month, completely engaloging them. mouth, completely enveloping them.

METAL CIRCULARS.

METAL CIRCULARS.

Messes. S. W. Royse and Co's report, dated Manchester, June 29, says:—Chemicals: "Steady, but rather quiet" will about describe the present position of the chemical trade. Some articles are moving well for export, but in general the trade is not brisk; values are, however, well maintained, and as we are at the end of the half-year the position may be considered satisfactory. There has been a good demand for alka'ies. Bleaching powder and caustic soda are steady at unchanged rates, and for ammonia soda higher figures are now asked. Chlorate of potash, under strong export demand, has advanced ½d, per lb. during last month, and chlorate of soda is sympathetically dearer. Soda crystals are quiet, but bi-carbonate of soda is selling freely. The exports of both bleaching materials and alkali were heavier and of greater value in last month than in May, 1894; and in five months ended May 31 last, as compared with the corresponding period of last year, thore s in bleaching materials an increase in weight of 3543 tons, and in value £7967; and in alka'i an increase in weight of 3543 tons, and in value £7967; and in alka'i an increase in weight of 13,125 tons, but a decrease in value of £34,319. Tar products are dull, Pitch is still firm in price, but consumers do not come forward to parchase at the high figures now ruling. Solvent naphtha is weak and little business doing, and benzoles also are quiet. Creacete is weak and neglected. Crude carbolic is nominally unchanged in value, but is not selling, and crystals are now more easily obtainable at lower prices. Sulphate of ammonia is steady, and has a firmer tone for forward delivery. Other ammonia salts are unchanged, muriate being rather quiet and carbonate in moderate demand. Acetates of lime are steady on spot and are stronger for forward delivery. Acetate of soda is quite firm. Brown sugar of lead has advanced, and litharge is rather dearer, in sympathy with lead, but white sugar of leaf and nitrate of lead are unchanged. Sulphate of copper has a slig and moves off well at ateady prices. Manganese cre, of high quality, is not too plentiful and fully maintains its value. There is nothing fresh to report about sulphur; the imports during the five completed months of this year are 12,427 tons, value £45,627 (average £3 13s. 5d. per ton) against 11,173 tons, value £45,414 (average £4 8s. 7d. per ton) during the first five months of 1894. China clay is moving well, especially on foreign account, and, as the production has been curtailed by the long and severe frost of last winter, and by the recent spell of dry weather, there is a strong tone in the market. Sulphur of barytes has a fair demand. Carbonate of barytes is only quiet. Phosphates of lime are rather easier, but do not attract buyers.—Metals. The pig iron trade during the first half of this month has been rather disappointing, prices having given way somewhat. Since the middle of the month, however, there has been an improvement, and values have advanced some 6d. to 8d. per ton. Shipments from Middlesbrough during this month are very satisfactory, being considerably heavier than in last month, and than in the corresponding period of June, 1894. There has been a fair business doing at Middlesbrough during this week, and though prices are at the moment a little easier, owing to slight weakness at Glasgow, there is a good feeling in the market and expectation of improvement. The higher-priced metals have not been moving well during the month. Copper has lost some 7s. 6d. per ton, and is now steady but quiet. Tin has given way steadily, and is some £2 5s, per ton cheaper.

Messrs. Henry Bath and Son's Copper R part dated July 2.

nfter advancing a little, has given way, and is about 51. per ton cheaper.

Messrs. Henny Bath and Son's Copper R perf, dated July 2, states:—The Chili charters for the second balf of June are cabled as 800 tons. The latest exchange is 1731. The opening price of G.M. B's was £4275. 6d, cash, and 2s. 6d, per ton covered the flectuations of the fortnight with the exception of the business on 24 b, when on the execution of a fair order the price ran up to £42 15s.; we close quiet at £42 6s. 3d. cash, and £42 13s. 9d. three months. The price would undoubtedly have gone lower on the poor figures of the fortnight, had not the fall been already partly discounted. The opening of navigation from the Lakes is no doubt still responsible for the continued heavy American shipments. Three cargoes of Boleo material have arrived, one at Dunkirk and two at Swanses; the former consists of 2100 tons of matte and 500 tons of hars, which go into consumption direct, the latter of about 2400 tons matte and 850 tons of bars, all of which have passed out of the producers' hands. The shipments from United States for the fortnight are cabled as 4725 tons, making 8445 tons for the month. Arrivals and deliveries at Haraburg, Antwerp, and Botterdam, &c., are 1260 tons. Imports of American copper into England have been 738 tons, and into France 265 tons, or 1003 tons against 1376 tons last year. Total actual deliveries for the fortnight have been 6039 tons against 8200 tons imports. Stocks have increased 2161 tons. Total visible supply shows 58,812 tons against 56,171 tons last fortnight. We have not heard of any transactions in furnace material since our last report.

Stocks.—We estimate the present available quantities of West

night. We have not heard of any transactions in rurnace material since our last report. Stocks.—We estimate the present available quantities of West Coast copper to be:-

Bars. 775 39,007 22) Ores, Ingots. At Swansea... Liverpool... In France..... ... 667

Liverpool... 10 ... - ... 39,007 ... 637 ... - 25

In France..... - ... 43,02 ... 752 ... 25

representing about 40,770 tons fine copper, a zainst 40,492 tons on the 18th ultimo., against about 34,000 tons fine copper July 1, 1894, against about 33,405 tons fine copper July 1, 1892, against about 33,235 tons fine copper July 1, 1892, against 1892, against about 33,235 tons fine copper July 1, 1891. Supply of West Coast copper may be estimated from the following figures: —Actual stocks a Swanses, Liverpool, and in France, 40,770 tons; affont and chatered for at date of last advices per mail and cablegram, 3500 tons; total, 44,270 tons, against 44,042 tons June 18, 1895; against same date 1894, stock, 34,000, affoar, &c., 3500, equal to 37,015 tons; 1892, stock, 33,405, affoat, &c., 3900, equal to 37,305 tons; 1891, stock, 33,235, aftoat, &c., 3500, equal to 37,305 tons; 1891, stock, 33,235, aftoat, &c., 2500, equal to 37,305 tons; 191, stock, 3,235, aftoat, &c., 2500, equal to 37,305 tons; 1891, stock, 3,235, aftoat, &c., 3500, equal to 37,305 tons; 1891, stock, 3,235, aftoat, &c., 3500, equal to 37,305 tons; 1891, stock, 3,235, aftoat, &c., 3500, equal to 37,305 tons; 1891, stock, 3,235, aftoat, &c., 3500, equal to 37,305 tons; 1891, stock, 3,235, aftoat, &c., 3500, equal to 37,305 tons; 1891, stock, 3,235, aftoat, &c., 3500, equal to 37,305 tons; 1891, stock, 3,235, aftoat, &c., 3500, equal to 37,305 tons; 1891, stock, 3,235, aftoat, &c., 3500, equal to 37,305 tons; 1891, stock, 3,235, aftoat, &c., 3500, equal to 37,305 tons; 1891, stock, 3,235, aftoat, &c., 3500, equal to 37,305 tons; 1891, stock, 3,235, aftoat, &c., 3500, equal to 37,305 tons; 1891, stock, 3,235, aftoat, &c., 3500, equal to 37,305 tons; 1891, stock, 3,235, aftoat, &c., 3500, equal to 37,305 tons; 1891, stock, 3,235, aftoat, &c., 3500, equal to 37,305 tons; 1891, stock, 3,235, aftoat, &c., 3500, equal to 37,305 tons; 1891, stock, 3,235, aftoat, &c., 3500, equal to 37,305 tons; 1891, stock, 3,235, aftoat, &c., 3500, equal to 37,305 tons; 1891,

Course cop	per and an a	July 3,	July 4, 1993.	July 2,	July 2.
	To-day.	1894.	1993.	1892.	1991.
Regulus	Ss. to 9s.	7a. 6d	8s. 756d.	8s. 9d.	10+, 434 1.
Hars	£42 Es. 3d.	£38 7s. 6d.	£43 70. 61.	£41 150.	£35 70, 6d.
Ingota, Urmeneti	Mominal.	Nominal.	#843 Sa.	£18 19s,	-
Burilla	-	-	-	-	-

For other description: we quote to-day:—Wallaroo, nominel; English tough, about £45 10s.; Burra Burra, nominal; English manufactured, about £52; best selected, £46 to £46 10:. India sheets, about £49; G.M.B. copper, £42 6s. 3d. cash, and £42 13: 9d. sheets, about £49; G.M.B. copper, £42 6s. 3d. cash, and £42 13. 9d. three months. Salphate of copper, about £15 10s. cash and forward. Tin, closing at £62 17s. 6d. cash, £63 2s. 6d. three months. Spelter, about £14 2s. 6d.; English, about £15 7s. 6d.; blende of 50 per cent, is worth about £2 15s., and calamine about £2 17s. 6d. Lead. quiet; about £10 5s.; with silver 50 to 80 ounces, £10 7s. 6d.; lead ore of 70 per cent, is worth about £4 per ton.—Pig iron. Closing quotations for Scotch pigs are about 44s. 4d.; Middlesbrough, 36s.; hematite, 44s. 5d. cash. Antimony, quiet; Star regulus about £32; ore, £8 to £8 10s. for 50 per cent. good quality and produce; orade about £15 per ton.—Quicksilver. The official price remains at £7 10s.; seconds steady, about 2s. less.—Bar silver. We close to-day at 30 dd. Discount. The Bank rate remains at 2 per cent. count. The Bank rate remains at 2 per cent.

Mesers. Harrington and Co.'s Copper Report, dated Liverpool, July 2, has the following:—Chili charters for the second half of June are advised as 800 tons, against 1300 tons for the previous fortnight, making 2100 tons for the month. The total since December 31 last is 11,550 tons, and the quantity same time last year was 10,550 tons. Exchange, 173d. Since our last we have hid a steady market for G.M.B.'s with little fluctuation in prices, highest £42 12s. 6d. cash and £43 three months on the 24th, lowest £42 5s. and £42 11s. 3d. respectively on the 25th ult., closing to-day with buyers at the lowest. The total stocks in Liverpool, Swansea, London, and Havre are 53,682 tons, against 51,521 tons on the 18th ult, showing an increase of 2161 tons for the fortnight, which with an increase for the previous fortnight of 1560 ton, makes the increase for the month 3722 tons. The stocks include about 2000 tons of copper sold, but not yet delivered to smelters. The above increase in the stocks is mainly due to two cargoes of Boleo copper produce (2895 tons fine) having arrived at Swansea and Dunkirk. Both cargoes are sold to consumers, and will be delivered in due course. The visible supply for the fortnight is 58,515 tons, against 56,452 tons on the 18th ult, showing an increase of 2063 tons. The month's figures show an increase of 3969 tons. Refined and manufactured sorts are steady. Quotations being:—Tough cake £45 to £45 10s., best select £46 to £46 10s., Indian sheets £43, strong sheets £52, and yellow metal sheets 44, per lb. There are no sales of furnace material to report. Import of Chili copper during the past fortnight 4913 tons fine, against 2152 tons fine same time last year. Delivery of Chili copper during the past fortnight 4913 tons fine, against 2152 tons fine same time last year. The total imports of Chili and other copper furing the past fortnight 1990 tons fine, against 1950 tons fine same time last year. The total imports of Chili and other copper furing the same period 32,189 tons fine; or same time and 33,446 respectively.

and 33,446 respectively.

Mesers, James Lewis and Son's Monthly Report on Ores and Metals, dated Liverpool, July 1, says:—Copper. Good merchantable copper has flectuated within a range of £1 11s. 3d. per ton during the past month, falling from £43 15s. to £42 3s. 9d. on the 11th ult, recovering to £43 on the 14th, only to fall again to £42 6s. 3d. on the 18th, due to an increase of 1560 tons in the English and French stocks, advancing again to £42 12s. 6d. on the 24th, falling to £42 5s. on the 27th, and closing to-day at £42 7s. 6d., notwithstanding a further increase of 2161 tons in the stocks. This increase is mainly due to the large arrivals of Boleo copper—the production of six months—amounting to about 5139 tons fine. Prices in New York remain firm at 10.62½ to 10.75 cents per pound for Lake, and 10.50 for electrolytic, which are much above values here. Little or no American copper can consequently be obtained for shipment to Enrope. 60 tons Lake copper sold for a special requirement at £50 15s. per ton, less 2½ per cent. delivered. 3370 tons of matte and 1470 tons of bars have arrived at Swansen from Boleo, also 2100 tons matte and 500 tons bars at Dunkirk. We understand that one-third of this company's production for this year has been sold to Swanses smelters on a g.m.c. basis, and that the balance goes to French smelters. The deficient supply of small arms ammunition, which brought about the fall of the late Government on the 21st alt, was estimated 150,000,000 of cartridges, representing a consumption of about 2000 tons of brass. It is to be presumed that the new Government will take early stops to supply this deficiency. Imports are 343 tons, and deliveries 452 tons greater to date than during the same period last year. The total arrivals in England from Chili during the month have been 1625, and the deliveries 693 tons fine. Stocks have increased 3721 tons. The arrivals in England from the United States have been 878 tons bars, 41 tons ingots, and 1534 tons matte, equal to about 1733 tons bars, 41 tons fine, and from other countries \$365 and \$4969 tons fine respectively. The arrivals in England from the United States have been \$78 tons hars, \$41 tons ingots, and \$1534 tons matte, equal to about \$1733 tons fine copper, and in France \$345 tons fine. The Chili charter for the month are advised as \$2100 tons, and exchange \$1745\$. Sales of furnace material have been confined to June \$11, \$100 tons ore, Portuguese, about 5 per cent., to arrive Liverpool, on private terms. Quotations to-day are: Chili bars and good merchantable copper \$42.78.61\$ for case, and \$42.138.94\$ for three months', prompt, buyers. English best selected ingots \$46 to \$46.100\$, and tough cake \$45 to \$45.100\$, per ton; \$8.31\$, for ore of 20 per cent., and \$8.61\$, per unit \$for Chili regulus or arrivant matte, free from silver. Chili exports to June 30 are:—

silver. Cant export	1 10	June 30	are.	Tor	s fine.		
Exported to April 30 Loading on April 30 Chartered to June 30	090 000	1890. 8,594 148 3,503	1891. 6,613 2,657	1897. 6,817 3,897	1893. 5,997 214 3,603	1894. 6,331 103 4,168	1895. 7,182 4,361
		12,405	9,270	10,7.7	9,814	10,597	11,643

Gold: 778, 97, per ounce susuants.
30 9-16d, and 30 3-16d, per ounce standard, closing firm at 30 dd.
Quicksilver from second-hands is quoied at £78°, to £78°, 6d, per
bottle. Sulphate of copper sells at £155°, to £15 10°, for prompt
and forward delivery.—Lead; £10 7s. 6d, to £10 10s. for English; and forward delivery.—Lead: £10 7s. 6d. to £10 10s. for prompt and forward delivery.—Lead: £10 7s. 6d. to £10 10s. for English; soft Spanish, £10 6s. 3d.; rich in silver, £10 7s. 6d. to £11 2s. 6d. per ton; ore of 70 per cent, £4 4s. 1d. per ton and fine silver value. The import of silver-lead from Mexico amounts to about 100 tons.—Antimony: £31 10s, to £32 per ton. Nickel offers at is. 1d. to 1s. 2d. per lb. net. Tin f-11 from £64 to £62, the final value being £63 2s. 6d. per ton. The Bank rate of discount remains at 2 per cent.

Messrs. DE MONCHY and HAVELAAR'S Monthly Tin Circular, dated Messrs. DE MONGHY and HAVELAAR'S Monthly Tin Circular, dated Rotterdam, Jone 29, has the following:—Our tin market has again been active during this month, business sometimes taking large dimensions. Straits shipments were reported heavy again early this month, but afterwards proved a good deal smaller than anticipated. Floctuations have in consequence been very sharp, our closing quotations showing a decline of fully 1\frac{3}{2}\frac{3}{2}\frac{3}{2}\frac{1}{2}\frac{

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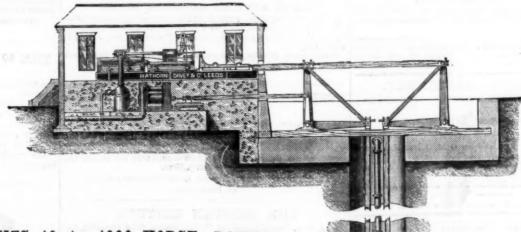
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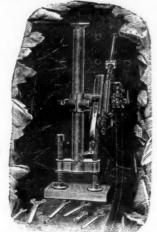
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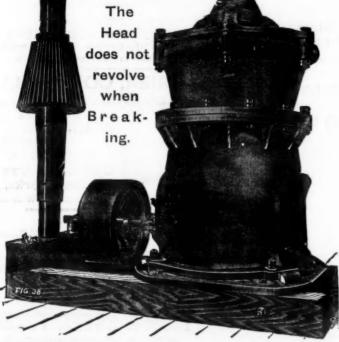
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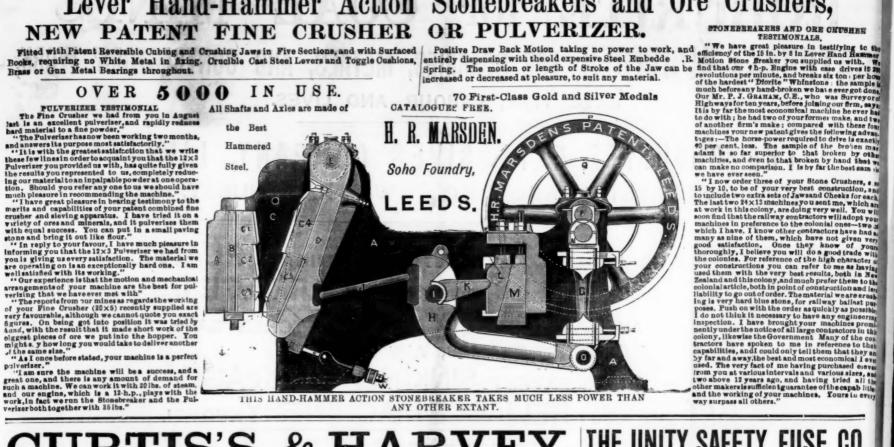
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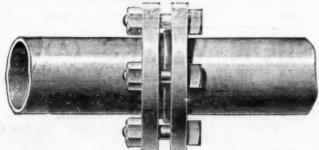
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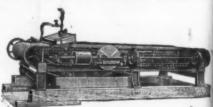
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